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HPE Aruba Networking CX 8325 Switch Series QuickSpecs

The HPE Aruba Networking CX 8325 Switch Series offers a flexible and innovative approach to addressing the application, security, and scalability demands of the mobile, cloud, and IoT era.

These switches serve the needs of the next generation core and aggregation layer, as well as emerging data center requirements at the Top of Rack (ToR) and End of Row (EoR). They provide up to 6.4 Tbps of bidirectional switching capacity, with line-rate gigabit Ethernet interfaces including 1Gbps, 10Gbps, 25Gbps, 40Gbps, and 100Gbps.

Overview

The HPE Aruba Networking CX 8325 Switch Series includes industry-leading line rate ports 1/10/25GbE (SFP/SFP+/SFP28) and 40/100GbE (QSFP+/QSFP28) with connectivity in a compact 1U form factor. These switches offer a fantastic investment for customers wanting to migrate from older 1GbE/10GbE to faster 25GbE, or 10GbE/40GbE to 100GbE ports.

HPE Aruba Networking CX 8325H Switch Series

HPE Aruba Networking CX 8325H switches are designed to provide high-performance, high-density 1/10/25/40/100G connectivity with fixed redundancy on power and cooling in a half-width, single RU form factor, while meeting the requirements of a wide array of compute and storage lossy and lossless networking use cases. These half-width switches help organizations balance density, high availability, and affordability which helps to save space and costs on server, storage and HCI connectivity.

HPE Aruba Networking CX 8325H are also ideal for smaller, edge or colocation data centers that require limited port density and/or have limited rack space. The CX 8325H can be used in small campus and branch locations where space is at a premium (e.g., retail locations, healthcare facilities, media, financial and enterprise branches) and do not always have IT racks but often have storage closets being used to store servers and IT equipment).

HPE Aruba Networking CX 8325H leverages the same high-performance ASIC and fully featured operating system that the full-width CX 8325 provides. This AOS-CX operating system provides a modern, database driven OS that automates and simplifies critical and complex network tasks and includes an advanced Layer 2/3 feature set includes BGP, OSPF, VRF-Lite, IPv6, dynamic VXLAN and intelligent monitoring, visibility, and remediation with our network analytics engine.

The switch can be managed with HPE Aruba Networking Central, our cloud-based network management solution or on-premises management via HPE Aruba Networking Fabric Composer, NetConductor or CLI based management.

HPE Aruba Networking CX 8325P Switch Series

The HPE Aruba Networking CX 8325P, a part of the HPE Aruba Networking CX 8325 family, delivers key solutions for providers in their 5G (Radio Access Network) and edge computing deployments. Greater flexibility is built to ensure a range of deployment models by allowing 1G(1 superscript), 10G, 25G, 40G and 100G computing deployments, while ensuring greater interoperability with key HPE Telco solutions. More importantly, the CX 8325P includes key features such as PTP (1588v2), SMPTE, Telecom Profiles G.8275.1 and G.8275.2 with Class C performance, Synchronous Ethernet (SyncE, G.8262.1), and Global Navigation Satellite System (GNSS) to support Telco Boundary Clock and, in the future, Telco Grand Master Clock.

When deployed as a platform for mobile backhaul, the CX 8325P can aggregate cell sites as a transport for Radio Access Network (RAN) backhaul traffic. It also provides the timing services required in today's converged access networks by offering integrated support for 10 MHz and 1 Pulse Per Second (1PPS) using SubMiniature version B (SMB) connectors, Time of Day (TOD) using RJ45 connectors, and GNSS using SubMiniature version A (SMA) connectors. In addition, CX 8325P is NEBS compliant to support AC or DC power inputs.

The CX 8325 switch series is designed with Quality of Service (QoS) features, full-featured Layer 2 and Layer 3, and advanced EVPN-VXLAN features. For enhanced visibility and troubleshooting, the HPE Aruba Networking Network Analytics Engine (NAE) automatically interrogates and analyzes events that can impact a network's health. Advanced telemetry and automation provide the ability to easily identify and troubleshoot network, system, application, and security related issues easily, using python agents, CLI-based agents and REST APIs.

Overview



HPE Aruba Networking 8325-16C



HPE Aruba Networking 8325-18Y4C

Overview



HPE Aruba Networking CX 8325P



HPE Aruba Networking CX 8325 Switch Series

Key Features

CX 8325

- High availability with industry-leading VSX redundancy, and redundant power supplies and fans
- Designed for core/aggregation in the campus or Top of Rack (ToR) or End of Row (EoR) in the data center
- HPE Aruba Networking CX Operating System automation and programmability, using built-in REST APIs and Python scripts
- Advanced Layer 2/3 feature set includes BGP, OSPF, VRF-Lite, and IPv6
- Dynamic VXLAN with BGP-EVPN for deep segmentation in data center and campus networks
- Intelligent monitoring, visibility, and remediation with HPE Aruba Networking Network Analytics Engine
- HPE Aruba Networking Storage Optimized with validated Ethernet Storage Fabric solutions with HPE Storage and HCI solutions
- HPE Aruba Networking NetEdit support for automated.

Overview

- Compact 1U switch with 1/10/25GbE and 40/100GbE connectivity
- High hardware scale, including key data center and DCBx features including NEBS certification, N+1 fan tray redundancy with Front to Back or Back to Front airflow, N+1 redundant and hot swappable AC or DC power supplies, supporting a variety of deployment models

CX 8325H

- High-performance, high density 1/10/25/40/100G connectivity with fixed, redundant power (1+1) and fans (3+1).
- Enables low latency and lossless network QoS and connectivity characteristics that storage requires.
- CX 8325H-18Y4C is designed to support any combination of 1/10/25G interfaces on its 18 ports – no port grouping necessary. The 4 ports of 100G can be split using breakout cabling depending on your needs.
- CX 8325H-16C allows for different port speeds with breakout cabling, allowing for a single 100G to be split into 4x25G.
- Supports VXLAN-EVPN, BGP, OSPF, Multicast.

CX 8325P-32C

- Supports PTP (1588v2), SMPTE, Telecom Profiles G.8275.1 and G.8275.2 with Class C performance, Synchronous Ethernet (SyncE, G.8262.1)
- PTP timing interfaces: 1PPS, 10 Mhz, and ToD + 1PPS input and output clocks GNSS module with antenna input interface
- Supports Global Navigation Satellite System (GNSS) to support Telco Boundary Clock and, in the future, Telco Grand Master Clock

Standard Features

Product benefits

The HPE Aruba Networking CX 8325 Switch Series is based on HPE Aruba Networking CX Operating System, a modern, database-driven operating system that automates and simplifies many critical and complex network tasks.

A built-in time series database enables customers and developers to utilize software scripts for historical troubleshooting, as well as analysis of past trends. This helps predict and avoid future problems due to scale, security, and performance bottlenecks. HPE Aruba Networking CX Operating System operating system features are organized into HPE Aruba Networking CX Foundational and HPE Aruba Networking CX Advanced software licenses.

Key capabilities include:

- HPE Aruba Networking Network Analytics Engine (NAE)
- Dynamic Segmentation
- Switch Stacking
- High Availability and Resiliency
- Quality of Service (QoS)
- Layer 2 Switching
- Layer 3 Services and Routing
- IP Multicast
- Network Security
- Support for HPE Aruba Networking Switch Multi-Edit Software

For more information, read the HPE Aruba Networking CX Switch Operating System data sheet.

Because HPE Aruba Networking CX Switch Operating System is built on a modular Linux architecture with a stateful database, our operating system provides the following unique capabilities:

- Easy access to all network state information allows unique visibility and analytics
- REST APIs and Python scripting for fine-grained programmability of network tasks
- A micro-services architecture that enables full integration with other workflow systems and services
- Continual state synchronization that provides superior fault tolerance and high availability
- Supports HPE Aruba Networking Fabric Composer - a software-defined orchestration solution that simplifies and accelerates leaf-spine network provisioning and day-to-day operations across rack-scale compute and storage infrastructure.
- All software processes communicate with the database rather than each other, ensuring near real-time state and resiliency and allowing individual software modules to be independently upgraded for higher availability

Standard Features

HPE Aruba Networking Central, Cloud-Based Network Management

Flexible cloud-based or on-premises management for unified network operations of wired, WLAN, SD-WAN, and public cloud infrastructure. Designed to simplify day zero through day two operations with streamlined workflows. Switch management capabilities include configuration, onboarding, monitoring, troubleshooting, and reporting.

An HPE Aruba Networking Central Advanced license expands these capabilities with premium security and AIOps, including the HPE Aruba Networking Central NetConductor Fabric Wizard and Policy Manager to enable dynamic segmentation and distributed enforcement at a global scale.

The HPE Aruba Networking Central Advanced license now comes with all HPE Aruba Networking CX Advanced features so there is no need to purchase a CX Advanced license. This streamlines operational efficiency, reducing the need for IT teams to keep track of multiple licenses, active terms, and renewal dates. For more information on HPE Aruba Networking Central licensing, see the HPE Aruba Networking Central SaaS Subscription Ordering Guide.

HPE Aruba Networking Network Analytics Engine

For enhanced visibility and troubleshooting, HPE Aruba Networking Network Analytics Engine (NAE) automatically interrogates and analyzes events that can impact a network's health. Advanced telemetry and automation provide the ability to easily identify and troubleshoot network, system, application and security related issues easily, through the use of Python agents, CLI-based agents and REST APIs.

The Time Series Database (TSDB) stores configuration and operational state data, making it available to quickly resolve network issues. The data may also be used to analyze trends, identify anomalies, and predict future capacity requirements.

HPE Aruba Networking NetEdit – Automated Switch Configuration and Management

The entire HPE Aruba Networking CX portfolio empowers IT teams to orchestrate multiple switch configuration changes for smooth end-to-end service rollouts. HPE Aruba Networking NetEdit introduces automation that allows for rapid network-wide changes and ensures policy conformance post network updates. Intelligent capabilities include search, edit, validation (including conformance checking), deployment, and audit features. Capabilities include:

- Centralized configuration with validation for consistency and compliance
- Time savings via simultaneous viewing and editing of multiple configurations
- Customized validation tests for corporate compliance and network design
- Automated large-scale configuration deployment without programming
- Network health and topology visibility via HPE Aruba Networking NAE integration

Notes: A separate software license is required to use HPE Aruba Networking NetEdit.

Standard Features

Ethernet Storage Optimized, Validated

HPE Aruba Networking CX 8325 Switch Series provides an ideal solution for data center, cloud and storage use cases that support top-of-rack server and storage connectivity and scale-out leaf-spine fabrics. HPE Aruba Networking CX Operating System adds storage-optimization enhancements to ensure the low-latency, lossless network QOS and connectivity characteristics that storage requires.

The HPE Aruba Networking CX 8325 Switch Series is SPOCK (Single Point of Connectivity Knowledge) validated as part of HPE's comprehensive portfolio of servers and storage arrays, which ensure end-to-end solution interoperability validated by HPE Labs. This validation takes guesswork out of SAN design, configuration, deployment, and management – helping to speed deployment and reduce risk/expertise needed to deploy complex solutions.

HPE Aruba Networking Virtual Switching Extension

The ability of AOS-CX to maintain synchronous state across dual control planes allows a unique high availability solution called HPE Aruba Networking Virtual Switching Extension (VSX). VSX is delivered through redundancy gained by deploying two chassis with an inter-switch link, with each chassis maintaining its independent control.

Designed using the best features of existing HA technologies such as Multi-chassis Link Aggregation (MC-LAG) and Virtual Switching Framework (VSF), HPE Aruba Networking VSX enables a distributed architecture that is highly available during upgrades or control plane events. Features include:

- Continuous configuration synchronization via AOS-CX
- Flexible active-active network designs at Layers 2 and 3
- Operational simplicity and usability for easy configuration
- High availability by design during upgrades including support for VSX Live Upgrade with LACP traffic draining.

Performance

Performance High-speed fully distributed architecture

- CX 8325-32C provides 6.4 Tbps of bidirectional switching and 2,000 Mpps for forwarding. All switching and routing are wire-speed to meet the demands of bandwidth-intensive applications today and in the future
- CX 8325H provides high-performance ASIC switching capacity of 2.16 Tbps (full-duplex) with 18 ports of 1/10/25G and 4 ports of 40/100G and ASIC switching capacity of 4 Tbps (full-duplex) with 16 ports of 40/100G.

Scalable system design

Provides investment protection to support future technologies and higher-speed connectivity

Standard Features

Connectivity

- **High-density port options**
  Choice of compact high-density port 1U switches with airflow direction flexibility include model with:
  - CX 8325-32C model has 32 ports of 40GbE/100GbE (QSFP+/QSFP28) [optional 4x10 and 4x25 breakout]
  - CX 8325-48Y8C model has 48 ports of 1GbE/10GbE/25GbE (SFP/SFP+/ SFP28) [1GBASE-T transceiver support and 10GBASE-T transceiver limited support] +8 ports of 40GbE/100GbE (QSFP+/QSFP28) [optional 4x10 and 4x25 breakout]
  - CX 8325P-32C model has 32 ports of 40GbE/100GbE (QSFP+/QSFP28) [optional up to 31 ports of 4x10 and 4x25 breakout]

  High density 1/10/25/40/100G connectivity half-width, single RU form factor:
  - CX 8325H-18Y4C is designed to support any combination of 1/10/25G interfaces on its 18 ports — no port grouping necessary. The 4 ports of 100G can be split using breakout cabling depending on your needs
  - CX 8325H-16C allows for different ports speeds with breakout cabling, allowing for a single 100GbE to be split into 4x25GbE
- **Jumbo frames**
  Supports high-performance backups and disaster-recovery systems; provides a maximum frame size of 9K bytes
- **Unsupported Transceiver Mode (UTM)**
  Allows to insert and enable all unsupported 1G and 10G transceiver and cable. No warranty nor support for the transceiver/cable when used
- **Loopback**
  Supports internal loopback testing for maintenance purposes and increased availability; loopback detection protects against incorrect cabling or network configurations and can be enabled on a per-port or per-VLAN basis for added flexibility
- **Packet storm protection**
  Protects against unknown broadcast, unknown multicast, or unicast storms with user-defined thresholds

Quality of Service (QoS)

- **Strict Priority (SP) Queuing and Deficit Weighted Round Robin (DWRR)**
  - Enables congestion avoidance
- **Data Center Bridging (DCB)**
  - Supports lossless Ethernet networking standards to eliminate packet loss due to queue overflow
  - Priority Flow Control (PFC) 7 priorities per port
  - Enhanced Transmission Service (ETS)
  - DCB Exchange Protocol (Pre-standard LLDP DCBX IEEE 1.01 version)
- **gNMI support**
  - Supports OpenConfig standardized YANG model for gNMI Streaming Telemetry
- **Flow-Control Guard**
  - Prevents accumulation of excessive congestion with periodic flushing. Avoids packets buffering for an extended time period

Standard Features

- **ECN with Slope**
  - Marks packets as ECN-CE (Congestion Experienced), helps TCP to reduce receive window size during congestion
- **Advanced Lossless Pool Configuration**
- **Global Buffering Statistics**
- **Storage Solution Support**
  - iSCSI, Lossless iSCSI, RDMA over Converged Ethernet version 2 (RoCE v1 and v2) and Non-Volatile Memory Express (NVMeOF)

Resiliency and High Availability

- **Redundant and load-sharing fans and power supplies**
  Increases total performance and power availability while providing hitless, stateful failover
- **Hot swappable power supply and fan modules**
  Allows replacement of modules without any operational impact on other modules
- **Separate data and control paths**
  Separates control from services and keeps service processing isolated; increases security and performance
- **HPE Aruba Networking Virtual Switching Extension (VSX)**
  VSX enables a distributed and redundant architecture by deploying two switches with each switch maintaining independent control yet staying synchronized during upgrades or failover. Also supports upgrades during live operation.
- **Virtual Router Redundancy Protocol (VRRP)**
  Allows a group of switches to dynamically back each other up to create highly available routed environments
- **Bidirectional Forward Detection (BFD)**
  Enables sub-second failure detection for rapid routing protocol re-balancing
- **Ethernet Ring Protection Switching (ERPS)**
  Supports rapid protection and recovery in a ring topology.
- **Unidirectional Link Detection (UDLD)**
  Monitors link connectivity and shuts down ports at both ends if unidirectional traffic is detected, preventing loops in STP-based networks
- **IEEE 802.3ad LACP**
  Supports up to 54 link aggregation groups (LAGs), each with eight links per group, with a user-selectable hashing algorithm
- **LACP-Fallback**
  Enables Zero Touch Provisioning over Link Aggregation Groups.
- **IP to Role mapping:**
  Enables role-based policy support for data center platforms
- **EBGP Overlay:**
  Supports overlay EBGP-EVPN for multi-fabric DC deployments with CX 8325H

Standard Features

Management

In addition to the HPE Aruba Networking CX Mobile App, HPE Aruba Networking NetEdit and HPE Aruba Networking Network Analytics Engine, the 8325 series offer the following:

- **Built-in programmable and easy to use REST API interface**
- **Management interface control**
  Enables or disables each of the following interfaces depending on security preferences: console port, or reset button
- **Industry-standard CLI with a hierarchical structure**
  Reduces training time and expenses, and increases productivity in multivendor installations
- **Management security**
  Restricts access to critical configuration commands; offers multiple privilege levels with password protection; ACLs provide SNMP access; local and remote Syslog capabilities allow logging of all access.
- **Private VLAN (PVLAN)**
  Provides traffic isolation between users on the same VLAN. Typically a switch port can only communicate with other ports in the same community and/or an uplink port, regardless of VLAN ID or destination MAC address. This extends network security by restricting peer-peer communication to prevent a variety of malicious attacks.
- **IPv6 RA**
  guard without ND Guard for preventing clients to advertise themselves as routers
- **IPSLA**
  Monitor the network for degradation of various services, including monitoring voice. Monitoring is enabled via the NAE for history and for automated gathering of additional information when anomalies are detected.
- **SNMP v2c/v3**
  Provides SNMP read and trap support of industry standard Management Information Base (MIB), and private extensions
- **sFlow® (RFC 3176)**
  Provides scalable ASIC-based wire speed network monitoring and accounting with no impact on network performance; this allows network operators to gather a variety of sophisticated network statistics and information for capacity planning and real-time network monitoring purposes.
- **Remote monitoring (RMON)**
  Uses standard SNMP to monitor essential network functions and supports events, alarms, history, and statistics groups as well as a private alarm extension group
- **Supportability**
  Job scheduler framework
- **TFTP and SFTP support**
  Offers different mechanisms for configuration updates; trivial FTP (TFTP) allows bidirectional transfers over a TCP/ IP network; Secure File Transfer Protocol (SFTP) runs over an SSH tunnel to provide additional security
- **Debug and sampler utility**
  Supports ping and traceroute for IPv4 and IPv6
- **Network Time Protocol (NTP)**
  Synchronizes timekeeping among distributed time servers and clients; keeps timekeeping consistent among all clock-dependent devices within the network. Can serve as the NTP server in a customer network.
- **Precision Time Protocol (PTP)**
  - Enables precise clock synchronization across distributed devices
  - Needed for precision timing for critical applications and financial systems
  - Support for transparent clock E-E and P-P
  - Support for boundary clock

Standard Features

    - Supports Telecom Profiles G.8275.1 and G8.2752, Class C performance
    - Supports G.8262.1 Enhanced Synchronous Ethernet Equipment clock
    - Supports PTP Default/1588 profile
    - Supports SMPTE profile
    - Support for PTP and SyncE when used with breakout ports and LAG
    - HW support for Global Navigation Satellite Systems (GNSS)
  - Timing Interface (2 superscript)
    - Time of Day + 1 Pulse Per Second (PPS) Input/Output
    - Global Navigation Satellite System (GNSS) SubMiniature version A (SMA) connector Input
    - Pulse Per Second (PPS) SubMiniature version B (SMB) connector Input/Output
    - 10 MHz SMB Input/Output
- **IEEE 802.1AB Link Layer Discovery Protocol (LLDP)**
  Advertises and receives management information from adjacent devices on a network, facilitating easy mapping by network management applications
- **Dual flash images**
  Provides independent primary and secondary operating system files for backup while upgrading
- **Multiple configuration files**
  Stores easily to the flash image

Layer 2 Switching

- **VLAN**
  Supports up to 4,040 port-based or IEEE 802.1Q-based VLANs
- **VLAN Translation**
  Remaps VLANs during transit across a core network
- **Bridge Protocol Data Unit (BPDU) tunneling**
  Transmits STP BPDUs transparently, allowing correct tree calculations across service providers, WANs, or MANs
- **Port mirroring**
  Duplicates port traffic (ingress and egress) to a local or remote monitoring port; supports 4 mirroring groups, with an unlimited number of ports per group
- **STP**
  Supports standard IEEE 802.1D STP, IEEE 802.1w Rapid Spanning Tree Protocol (RSTP) for faster convergence, and IEEE 802.1s Multiple Spanning Tree Protocol (MSTP)
- **Rapid Per-VLAN spanning tree plus (RPVST+)**
  Allows each VLAN to build a separate spanning tree to improve link bandwidth usage in network environments with multiple VLANs.
- **Internet Group Management Protocol (IGMP)**
  Controls and manages the flooding of multicast packets in a Layer 2 network
- **Static VXLAN**
  Supports static VXLAN. Allows operators to manually connect two or more VXLAN tunnel endpoints (VTEP).
- **Dynamic VXLAN with BGP-EVPN**
  Deep segmentation for Spine/Leaf data center networks or Layer 3 campus designs
- **IPv4 Multicast in VXLAN/EVPN Overlay**
  Enable PIM-SM/IGMP snooping in the VXLAN Overlay
- **IPv6 VXLAN/EVPN Overlay Support**
  Enables IPv6 traffic over the VXLAN overlay

Standard Features

- **VXLAN DC Multi-Fabric DCI Support**
- **VXLAN distributed anycast gateway**
  Addressing mechanism that enables the use of the same gateway IP addresses across all the leaf switches part of a VXLAN network. It supports VSX active forwarding for VXLAN underlay.
- **VXLAN ARP/ND suppression**
  Allows minimization of ARP and ND traffic flooding within individual VXLAN segments, thus optimizing the VXLAN network

Layer 3 Services

- **Address Resolution Protocol (ARP)**
  Determines the MAC address of another IP host in the same subnet; supports static ARPs; gratuitous ARP allows detection of duplicate IP addresses; proxy ARP allows normal ARP operation between subnets or when subnets are separated by a Layer 2 network
- **IP Directed Broadcast**
  Supports directed broadcast on configured network subnets.
- **Dynamic Host Configuration Protocol (DHCP)**
  DHCP services are offered within a client network to simplify network management. DHCP Relay enables DHCP operation across subnets. DHCP Smart Relay.
- **Multicast**
  PIM Multicast Boundary (v4), VSX Graceful shutdown for IGMP/MLD, Multicast NSF.
- **DHCP Server**
  Supports DHCP services (for IPv4 and IPv6) in customer networks
- **DHCP Relay Coexistence with Server**
  Allows DHCP relay coexistence with DHCP server for both IPv4 and IPv6
- **Domain Name System (DNS)**
  Provides a distributed database that translates domain names and IP addresses, which simplifies network design; supports client and server. It also supports mDNS Gateway
- **Generic Routing Encapsulation (GRE)**
  Enables tunneling traffic from site to site over a Layer 3 path.

Layer 3 Routing

- **Static IPv4 routing**
  Provides simple manually configured IPv4 routing
- **Open shortest path first (OSPF)**
  Delivers faster convergence; uses link-state routing Interior Gateway Protocol (IGP), which supports ECMP, NSSA, and MD5 authentication for increased security and graceful restart for faster failure recovery
- **Loopback IP redistribution in OSPF**
  Allows redistribution of IPv4 and IPv6 addresses of loopback interface in OSFPv2/v3
- **Border Gateway Protocol 4 (BGP-4)**
  Delivers an implementation of the Exterior Gateway Protocol (EGP) utilizing path vectors; uses TCP for enhanced reliability for the route discovery process; reduces bandwidth consumption by advertising only incremental updates; supports extensive policies for increased flexibility; scales to very large networks
- **Dynamic BGP Peering**
  Simplifies BGP configuration for ZTP scenarios and enables CX for Azure stack integration

Standard Features

- **Multiprotocol BGP (MP-BGP) with IPv6 Address Family**
  Enables sharing of IPv6 routes using BGP and connections to BGP peers using IPv6
- **Routing Information Protocol Next Generation (RIPng)**
  Extension of RIPv2 for support of IPv6 networking
- **Policy Based Routing (PBR)**
  Enables using a classifier to select traffic that can be forwarded based on policy set by the network administrator.
- **6in4 tunnels**
  Supports the tunneling of IPv6 traffic in an IPv4 network.
- **IP Performance Optimization**
  Provides a set of tools to improve the performance of IPv4 networks; includes directed broadcasts, customization of TCP parameters, support of ICMP error packets, and extensive display capabilities
- **IP Sub-Interface**
  Enables IP sub-interface for ingress & egress ACL/Policies, routing, VSX-keep alive
- **Dynamic Pool Configuration**
  Enables lossless pool configuration without switch reboot
- **Static IPv6 routing**
  Provides simple manually configured IPv6 routing
- **Dual IP stack**
  Maintains separate stacks for IPv4 and IPv6 to ease the transition from an IPv4-only network to an IPv6-only network design
- **OSPFv3**
  Provides OSPF support for IPv6
- **Equal-Cost Multipath (ECMP)**
  Enables multiple equal-cost links in a routing environment to increase link redundancy and scale bandwidth
- **Generic Routing Encapsulation (GRE)**
  Enables tunneling traffic from site to site over a Layer 3 path

Visibility CX Edge Insights

Upgrade the active, perpetual CX Foundation license to the term based CX Advanced license to unlock deep visibility with CX Edge Insights for application recognition, identification, and flow capture from layer 4 to layer 7. CX Edge Insights enables granular data point collection with search, sort, and reporting as well as the ability to recognize 22 categories and more than 3700 applications.

Security

- **TAA Compliance**
  The HPE Aruba Networking CX 8325 Switch Series, a TAA-compliant product, with the AOS-CX uses FIPS 140-2 validated cryptography for protection of sensitive information
- **Federal Certification**
  Compliant with DoDIN, APL, NDcPP, FIPS, and USGv6 requirements for federal certifications.
- **Access control list (ACL) Features**
  Supports powerful ACLs for both IPv4 and IPv6. Supports creation of object groups representing sets of devices like IP addresses. For instance, IT management devices could be grouped in this way. ACLs can also protect control plane services such as SSH, SNMP, NTP or web servers.

Standard Features

- **Remote Authentication Dial-In User Service (RADIUS)**
  Eases security access administration by using a password authentication server
- **Enrollment over Secure Transport (EST)**
  Enables secure certificate enrollment, allowing for easier enterprise management of PKI.
- **Terminal Access Controller Access-Control System (TACACS+)**
  Delivers an authentication tool using TCP with encryption of the full authentication request, providing additional security
- **RadSec**
  Enable RADIUS authentication and accounting data to be passed safely and reliably across insecure networks such as the internet
- **Management access security**
  HPE Aruba Networking OS-CX provides for both on-box as well as off- box authentication for administrative access. RADIUS or TACACS+ can be used to provide encrypted user authentication. Additionally, TACACS+ can also provide user authorization services
- **Secure port access**
  802.1x, Mac-auth, LUR, DUR, Port-Access Policy, Static Port Filtering
- **Secure shell (SSHv2)**
  Uses external servers to securely log in to a remote device; with authentication and encryption, it protects against IP spoofing and plain-text password interception; increases the security of Secure FTP (SFTP) transfers

Multicast

- **Internet Group Management Protocol (IGMP)**
  Enables establishing multicast group memberships in IPv4 networks; supports IGMPv1, v2, and v3
- **Multicast Listener Discovery (MLD)**
  Enable discovery of IPv6 multicast listeners; supports MLDv1 and v2 and L3-Multicast.
- **Multicast Service Delivery Protocol (MSDP) for Anycast RP**
  MSDP used for Anycast RP is an intradomain feature that provides redundancy and load-sharing capabilities.
- **MSDP Mesh Groups**
  MSDP used for Anycast RP is an intradomain feature that provides redundancy and load-sharing capabilities. When MSDP mesh groups are used, SA messages are not flooded to other mesh group peers. When MSDP peer in group receives SA message from another MSDP peer in the group, it assumes that this SA message was sent to all the other MSDP peers in the group. It also eliminates RPF checks on arriving SA messages. With MSDP mesh group configured, SA messages are always accepted from mesh group peer.
- **PIM-Dense Mode**
  Floods multicast traffic to every corner of the network (push-model). Method is for delivering data to receivers without receivers requesting the data. Can be efficient in certain deployments in which there are active receivers on every subnet in the network. Branches without downstream receivers are pruned from the forwarding trees.
- **FastLeave (FL) and Forced-FastLeave (FFL)**
  IGMP FL and FFL for IGMP/MLD speed up the process of blocking unnecessary Multicast traffic to a switch port that is connected to end nodes. They help to eliminate the CPU overhead of having to generate an IGMP/MLD Group-Specific Query message.
- **Support for Microsoft Network Load Balancer (NLB) for server applications**
- **IGMP/MLD Snooping**
  Prevent flooding of multicast traffic to non-listening ports.

Standard Features

- **Protocol Independent Multicast (PIM)**
  PIM for IPv4 and IPv6 supports one-to-many and many-to-many media casting use cases such as IPTV over IPv4 and IPv6 networks. Support for PIM Sparse Mode (SM), Source-Specific Multicast (SSM), and Dense Mode(DM)

Additional Information

- Green initiative support
- Provides support for RoHS (EN 50581:2012) regulations
- Korea Government Security Features
  - Ensure configuration integrity
  - Limit concurrent users for web access
  - Platforms: All CX platforms
- Analytics
  - AIOPS - NAE Agent & Engine Improvements – Unicast Routing
  - AIOPS - NAE Agent & Engine Improvements – Client Services

Warranty, Services and Support

- **Limited Lifetime Warranty**
- **HPE Aruba Networking CX Switch Operating System Software Releases and Features**
  HPE Aruba Networking CX Switch Operating System Software Documentation Portal
  HPE Aruba Networking Switch Feature Navigator
- **Support and services information**
  Visit https://www.hpe.com/us/en/networking/hpe-aruba-networking-support-services.html

Configuration Information

BTO Models

Standard Switch Enclosures

Description	SKU
HPE Aruba Networking CX 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 FB 6 Fans 2 PSU Bundle	JL624A
HPE Aruba Networking CX 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 FB 6 Fans 2 PSU Bundle PDU	JL624A#B2B
HPE Aruba Networking CX 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 FB 6 Fans 2 PSU Bundle PDU	JL624A#B2C
HPE Aruba Networking CX 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 FB 6 Fans 2 PSU Bundle 220v	JL624A#B2E
HPE Aruba Networking CX 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 FB 6 Fans 2 PSU Bundle NoLoc	JL624A#AC3
HPE Aruba Networking CX 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 BF 6 Fans 2 PSU Bundle	JL625A
HPE Aruba Networking CX 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 BF 6 Fans 2 PSU Bundle PDU	JL625A#B2B
HPE Aruba Networking CX 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 BF 6 Fans 2 PSU Bundle PDU	JL625A#B2C
HPE Aruba Networking CX 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 BF 6 Fans 2 PSU Bundle 220v	JL625A#B2E
HPE Aruba Networking CX 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 BF 6 Fans 2 PSU Bundle NoLoc	JL625A#AC3
HPE Aruba Networking CX 8325-32C 32p 100G QSFP+/QSFP28 Front-to-Back 6 Fans 2 Power Supply Bundle	JL626A
HPE Aruba Networking CX 8325-32C 32p 100G QSFP+/QSFP28 Front-to-Back 6 Fans 2 Power Supply Bdl PDU	JL626A#B2B
HPE Aruba Networking CX 8325-32C 32p 100G QSFP+/QSFP28 Front-to-Back 6 Fans 2 Power Supply Bdl PDU	JL626A#B2C
HPE Aruba Networking CX 8325-32C 32p 100G QSFP+/QSFP28 Front-to-Back 6 Fans 2 Power Supply Bdl 220v	JL626A#B2E
HPE Aruba Networking CX 8325-32C 32p 100G QSFP+/QSFP28 Front-to-Back 6 Fans 2 Power Supply Bdl NoLoc	JL626A#AC3
HPE Aruba Networking CX 8325-32C 32p 100G QSFP+/QSFP28 Back-to-Front 6 Fans 2 Power Supply Bundle	JL627A
HPE Aruba Networking CX 8325-32C 32p 100G QSFP+/QSFP28 Back-to-Front 6 Fans 2 Power Supply Bdl PDU	JL627A#B2B
HPE Aruba Networking CX 8325-32C 32p 100G QSFP+/QSFP28 Back-to-Front 6 Fans 2 Power Supply Bdl PDU	JL627A#B2C
HPE Aruba Networking CX 8325-32C 32p 100G QSFP+/QSFP28 Back-to-Front 6 Fans 2 Power Supply Bdl 220v	JL627A#B2E
HPE Aruba Networking CX 8325-32C 32p 100G QSFP+/QSFP28 Back-to-Front 6 Fans 2 Power Supply Bdl NoLoc	JL627A#AC3
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Front-to-Back 6xFan 2xAC PSU Bundle	S4A51A
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Front-to-Back 6xFan 2xAC PSU Bundle PDU	S4A51A#B2B

Configuration Information

HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Front-to-Back 6xFan 2xAC PSU 220v Bundle	S4A51A#B2C
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Front-to-Back 6xFan 2xAC PSU 220v Bundle	S4A51A#B2E
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Front-to-Back 6xFan 2xAC PSU Bundle No Loc	S4A51A#AC3
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Back-to-Front 6xFan 2xAC PSU Bundle	S4A52A
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Back-to-Front 6xFan 2xAC PSU Bundle PDU	S4A52A#B2B
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Back-to-Front 6xFan 2xAC PSU 220v Bundle	S4A52A#B2C
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Back-to-Front 6xFan 2xAC PSU 220v Bundle	S4A52A#B2E
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Back-to-Front 6xFan 2xAC PSU Bundle No Loc	S4A52A#AC3
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Front-to-Back 6xFan 2xAC PSU TAA Bundle	S0G09A
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Front-to-Back 6xFan 2xAC PSU TAA Bundle PDU	S0G09A#B2B
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Front-to-Back 6xFan 2xAC PSU TAA Bundle PDU	S0G09A#B2C
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Front-to-Back 6xFan 2xAC PSU TAA 220v Bundle	S0G09A#B2E
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Front-to-Back 6xFan 2xAC PSU TAA Bundle No Loc	S0G09A#AC3
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Back-to-Front 6xFan 2xAC PSU TAA Bundle	S0G10A
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Back-to-Front 6xFan 2xAC PSU TAA Bundle PDU	S0G10A#B2B
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Back-to-Front 6xFan 2xAC PSU TAA Bundle PDU	S0G10A#B2C
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Back-to-Front 6xFan 2xAC PSU TAA 220v Bundle	S0G10A#B2E
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Back-to-Front 6xFan 2xAC PSU TAA Bundle No Loc	S0G10A#AC3
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Front-to-Back 4xFan 2xPSU Switch	S4B20A
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Front-to-Back 4xFan 2xPSU PDU Switch	S4B20A#B2B
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Front-to-Back 4xFan 2xPSU PDU Switch	S4B20A#B2C
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Front-to-Back 4xFan 2xPSU 220v Switch	S4B20A#B2E
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Front-to-Back 4xFan 2xPSU Switch No Loc	S4B20A#AC3

Configuration Information

HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Back-to-Front 4xFan 2xPSU Switch	S4B21A
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Back-to-Front 4xFan 2xPSU PDU Switch	S4B21A#B2B
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Back-to-Front 4xFan 2xPSU PDU Switch	S4B21A#B2C
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Back-to-Front 4xFan 2xPSU 220v Switch	S4B21A#B2E
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Back-to-Front 4xFan 2xPSU Switch No Loc	S4B21A#AC3
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Front-to-Back 4xFan 2xPSU Switch	S4B22A
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Front-to-Back 4xFan 2xPSU PDU Switch	S4B22A#B2B
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Front-to-Back 4xFan 2xPSU PDU Switch	S4B22A#B2C
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Front-to-Back 4xFan 2xPSU 220v Switch	S4B22A#B2E
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Front-to-Back 4xFan 2xPSU Switch No Loc	S4B22A#AC3
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Back-to-Front 4xFan 2xPSU Switch	S4B23A
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Back-to-Front 4xFan 2xPSU PDU Switch	S4B23A#B2B
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Back-to-Front 4xFan 2xPSU PDU Switch	S4B23A#B2C
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Back-to-Front 4xFan 2xPSU 220v Switch	S4B23A#B2E
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Back-to-Front 4xFan 2xPSU Switch No Loc	S4B23A#AC3
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Front-to-Back 4xFan 2xPSU TAA Switch	S2T42A
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Front-to-Back 4xFan 2xPSU TAA PDU Switch	S2T42A#B2B
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Front-to-Back 4xFan 2xPSU TAA PDU Switch	S2T42A#B2C
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Front-to-Back 4xFan 2xPSU TAA 220v Switch	S2T42A#B2E
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Front-to-Back 4xFan 2xPSU TAA Sw No Loc	S2T42A#AC3
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Back-to-Front 4xFan 2xPSU TAA Switch	S2T46A
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Back-to-Front 4xFan 2xPSU TAA PDU Switch	S2T46A#B2B
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Back-to-Front 4xFan 2xPSU TAA PDU Switch	S2T46A#B2C
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Back-to-Front 4xFan 2xPSU TAA 220v Switch	S2T46A#B2E
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Back-to-Front 4xFan 2xPSU TAA Sw No Loc	S2T46A#AC3
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Front-to-Back 4xFan 2xPSU TAA Switch	S2T47A
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Front-to-Back 4xFan 2xPSU TAA PDU Switch	S2T47A#B2B

Configuration Information

HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Front-to-Back 4xFan 2xPSU TAA PDU Switch	S2T47A#B2C
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Front-to-Back 4xFan 2xPSU TAA 220v Switch	S2T47A#B2E
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Front-to-Back 4xFan 2xPSU TAA Switch No Loc	S2T47A#AC3
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Back-to-Front 4xFan 2xPSU TAA Switch	S2T48A
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Back-to-Front 4xFan 2xPSU TAA PDU Switch	S2T48A#B2B
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Back-to-Front 4xFan 2xPSU TAA PDU Switch	S2T48A#B2C
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Back-to-Front 4xFan 2xPSU TAA 220v Switch	S2T48A#B2E
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Back-to-Front 4xFan 2xPSU TAA Switch No Loc	S2T48A#AC3

DC Bundles

Description	**SKU**
HPE Aruba Networking CX 8325-48Y8C 48p 25G SFP/SFP+/SFP28 8p 100G QSFP+/QSFP28 FB 6 Fans 2 DC Bdl	JL857A
HPE Aruba Networking CX 8325-48Y8C 48p 25G SFP/SFP+/SFP28 8p 100G QSFP+/QSFP28 BF 6 Fans 2 DC Bdl	JL858A
HPE Aruba Networking CX 8325-32C 32-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans and 2 DC Bundle	JL859A
HPE Aruba Networking CX 8325-32C 32-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans and 2 DC Bundle	JL860A
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Front-to-Back 6xFan 2xDC PSU Bundle	S4A49A
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Back-to-Front 6xFan 2xDC PSU Bundle	S4A50A
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Front-to-Back 6xFan 2xDC PSU TAA Bundle	S0G07A
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Back-to-Front 6xFan 2xDC PSU TAA Bundle	S0G08A

Configuration Information

Rack Level Integration CTO Models

Description	SKU
HPE Aruba Networking CX 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 FB 6 Fans 2 PSU Bundle	JL624A
HPE Aruba Networking CX 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 FB 6 Fans 2 PSU Bundle PDU	JL624A#B2B
HPE Aruba Networking CX 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 FB 6 Fans 2 PSU Bundle PDU	JL624A#B2C
HPE Aruba Networking CX 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 FB 6 Fans 2 PSU Bundle 220v	JL624A#B2E
HPE Aruba Networking CX 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 FB 6 Fans 2 PSU Bundle NoLoc	JL624A#AC3
HPE Aruba Networking CX 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 BF 6 Fans 2 PSU Bundle	JL625A
HPE Aruba Networking CX 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 BF 6 Fans 2 PSU Bundle PDU	JL625A#B2B
HPE Aruba Networking CX 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 BF 6 Fans 2 PSU Bundle PDU	JL625A#B2C
HPE Aruba Networking CX 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 BF 6 Fans 2 PSU Bundle 220v	JL625A#B2E
HPE Aruba Networking CX 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 BF 6 Fans 2 PSU Bundle NoLoc	JL625A#AC3
HPE Aruba Networking CX 8325-32C 32p 100G QSFP+/QSFP28 Front-to-Back 6 Fans 2 Power Supply Bundle	JL626A
HPE Aruba Networking CX 8325-32C 32p 100G QSFP+/QSFP28 Front-to-Back 6 Fans 2 Power Supply Bdl PDU	JL626A#B2B
HPE Aruba Networking CX 8325-32C 32p 100G QSFP+/QSFP28 Front-to-Back 6 Fans 2 Power Supply Bdl PDU	JL626A#B2C
HPE Aruba Networking CX 8325-32C 32p 100G QSFP+/QSFP28 Front-to-Back 6 Fans 2 Power Supply Bdl 220v	JL626A#B2E
HPE Aruba Networking CX 8325-32C 32p 100G QSFP+/QSFP28 Front-to-Back 6 Fans 2 Power Supply Bdl NoLoc	JL626A#AC3
HPE Aruba Networking CX 8325-32C 32p 100G QSFP+/QSFP28 Back-to-Front 6 Fans 2 Power Supply Bundle	JL627A
HPE Aruba Networking CX 8325-32C 32p 100G QSFP+/QSFP28 Back-to-Front 6 Fans 2 Power Supply Bdl PDU	JL627A#B2B
HPE Aruba Networking CX 8325-32C 32p 100G QSFP+/QSFP28 Back-to-Front 6 Fans 2 Power Supply Bdl PDU	JL627A#B2C
HPE Aruba Networking CX 8325-32C 32p 100G QSFP+/QSFP28 Back-to-Front 6 Fans 2 Power Supply Bdl 220v	JL627A#B2E
HPE Aruba Networking CX 8325-32C 32p 100G QSFP+/QSFP28 Back-to-Front 6 Fans 2 Power Supply Bdl NoLoc	JL627A#AC3
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Front-to-Back 6xFan 2xAC PSU Bundle	S4A51A
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Front-to-Back 6xFan 2xAC PSU Bundle PDU	S4A51A#B2B

Configuration Information

HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Front-to-Back 6xFan 2xAC PSU 220v Bundle	S4A51A#B2C
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Front-to-Back 6xFan 2xAC PSU 220v Bundle	S4A51A#B2E
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Front-to-Back 6xFan 2xAC PSU Bundle No Loc	S4A51A#AC3
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Back-to-Front 6xFan 2xAC PSU Bundle	S4A52A
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Back-to-Front 6xFan 2xAC PSU Bundle PDU	S4A52A#B2B
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Back-to-Front 6xFan 2xAC PSU 220v Bundle	S4A52A#B2C
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Back-to-Front 6xFan 2xAC PSU 220v Bundle	S4A52A#B2E
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Back-to-Front 6xFan 2xAC PSU Bundle No Loc	S4A52A#AC3
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Front-to-Back 6xFan 2xAC PSU TAA Bundle	S0G09A
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Front-to-Back 6xFan 2xAC PSU TAA Bundle PDU	S0G09A#B2B
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Front-to-Back 6xFan 2xAC PSU TAA Bundle PDU	S0G09A#B2C
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Front-to-Back 6xFan 2xAC PSU TAA 220v Bundle	S0G09A#B2E
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Front-to-Back 6xFan 2xAC PSU TAA Bundle No Loc	S0G09A#AC3
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Back-to-Front 6xFan 2xAC PSU TAA Bundle	S0G10A
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Back-to-Front 6xFan 2xAC PSU TAA Bundle PDU	S0G10A#B2B
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Back-to-Front 6xFan 2xAC PSU TAA Bundle PDU	S0G10A#B2C
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Back-to-Front 6xFan 2xAC PSU TAA 220v Bundle	S0G10A#B2E
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Back-to-Front 6xFan 2xAC PSU TAA Bundle No Loc	S0G10A#AC3
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Front-to-Back 4xFan 2xPSU Switch	S4B20A
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Front-to-Back 4xFan 2xPSU PDU Switch	S4B20A#B2B
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Front-to-Back 4xFan 2xPSU PDU Switch	S4B20A#B2C
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Front-to-Back 4xFan 2xPSU 220v Switch	S4B20A#B2E
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Front-to-Back 4xFan 2xPSU Switch No Loc	S4B20A#AC3

Configuration Information

HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Back-to-Front 4xFan 2xPSU Switch	S4B21A
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Back-to-Front 4xFan 2xPSU PDU Switch	S4B21A#B2B
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Back-to-Front 4xFan 2xPSU PDU Switch	S4B21A#B2C
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Back-to-Front 4xFan 2xPSU 220v Switch	S4B21A#B2E
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Back-to-Front 4xFan 2xPSU Switch No Loc	S4B21A#AC3
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Front-to-Back 4xFan 2xPSU Switch	S4B22A
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Front-to-Back 4xFan 2xPSU PDU Switch	S4B22A#B2B
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Front-to-Back 4xFan 2xPSU PDU Switch	S4B22A#B2C
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Front-to-Back 4xFan 2xPSU 220v Switch	S4B22A#B2E
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Front-to-Back 4xFan 2xPSU Switch No Loc	S4B22A#AC3
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Back-to-Front 4xFan 2xPSU Switch	S4B23A
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Back-to-Front 4xFan 2xPSU PDU Switch	S4B23A#B2B
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Back-to-Front 4xFan 2xPSU PDU Switch	S4B23A#B2C
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Back-to-Front 4xFan 2xPSU 220v Switch	S4B23A#B2E
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Back-to-Front 4xFan 2xPSU Switch No Loc	S4B23A#AC3
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Front-to-Back 4xFan 2xPSU TAA Switch	S2T42A
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Front-to-Back 4xFan 2xPSU TAA PDU Switch	S2T42A#B2B
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Front-to-Back 4xFan 2xPSU TAA PDU Switch	S2T42A#B2C
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Front-to-Back 4xFan 2xPSU TAA 220v Switch	S2T42A#B2E
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Front-to-Back 4xFan 2xPSU TAA Sw No Loc	S2T42A#AC3
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Back-to-Front 4xFan 2xPSU TAA Switch	S2T46A
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Back-to-Front 4xFan 2xPSU TAA PDU Switch	S2T46A#B2B
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Back-to-Front 4xFan 2xPSU TAA PDU Switch	S2T46A#B2C
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Back-to-Front 4xFan 2xPSU TAA 220v Switch	S2T46A#B2E
HPE Aruba Networking CX 8325H 18p SFP28 25G 4p QSFP28 100G Back-to-Front 4xFan 2xPSU TAA Sw No Loc	S2T46A#AC3
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Front-to-Back 4xFan 2xPSU TAA Switch	S2T47A
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Front-to-Back 4xFan 2xPSU TAA PDU Switch	S2T47A#B2B

Configuration Information

HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Front-to-Back 4xFan 2xPSU TAA PDU Switch	S2T47A#B2C
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Front-to-Back 4xFan 2xPSU TAA 220v Switch	S2T47A#B2E
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Front-to-Back 4xFan 2xPSU TAA Switch No Loc	S2T47A#AC3
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Back-to-Front 4xFan 2xPSU TAA Switch	S2T48A
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Back-to-Front 4xFan 2xPSU TAA PDU Switch	S2T48A#B2B
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Back-to-Front 4xFan 2xPSU TAA PDU Switch	S2T48A#B2C
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Back-to-Front 4xFan 2xPSU TAA 220v Switch	S2T48A#B2E
HPE Aruba Networking CX 8325H 16p QSFP28 40G/100G Back-to-Front 4xFan 2xPSU TAA Switch No Loc	S2T48A#AC3

DC Bundles

Description	**SKU**
HPE Aruba Networking CX 8325-48Y8C 48p 25G SFP/SFP+/SFP28 8p 100G QSFP+/QSFP28 FB 6 Fans 2 DC Bdl	JL857A
HPE Aruba Networking CX 8325-48Y8C 48p 25G SFP/SFP+/SFP28 8p 100G QSFP+/QSFP28 BF 6 Fans 2 DC Bdl	JL858A
HPE Aruba Networking CX 8325-32C 32-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans and 2 DC Bundle	JL859A
HPE Aruba Networking CX 8325-32C 32-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans and 2 DC Bundle	JL860A
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Front-to-Back 6xFan 2xDC PSU Bundle	S4A49A
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Back-to-Front 6xFan 2xDC PSU Bundle	S4A50A
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Front-to-Back 6xFan 2xDC PSU TAA Bundle	S0G07A
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Back-to-Front 6xFan 2xDC PSU TAA Bundle	S0G08A

Configuration Information

Transceivers

Description	SKU
SFP Transceivers	
HPE Aruba Networking 1G SFP LC SX 500m OM2 MMF Transceiver	J4858D
HPE Aruba Networking 1G SFP LC LX 10km SMF Transceiver	J4859D
HPE Aruba Networking 1G SFP LC LH 70km SMF Transceiver	J4860D
HPE Aruba Networking 1G SFP RJ45 100m Cat5e Transceiver	J8177E
HPE Aruba Networking 1G SFP LC SX 500m MMF TAA Transceiver	JL745A
HPE Aruba Networking 1G SFP LC LX 10km SMF TAA Transceiver	JL746A
HPE Aruba Networking 1G SFP RJ45 100m Cat5e TAA Transceiver	JL747B
SFP+ Transceivers	
HPE Aruba Networking 10GBASE-T SFP+ RJ45 30m Cat6A Transceiver	JL563C
HPE Aruba Networking 10G SFP+ LC SR 300m OM3 MMF Transceiver	J9150D
HPE Aruba Networking 10G SFP+ LC LR 10km SMF Transceiver	J9151E
HPE Aruba Networking 10G SFP+ LC ER 40km SMF Transceiver	J9153D
HPE Aruba Networking 10G SFP+ LC SR 300m MMF TAA Transceiver	JL748A
HPE Aruba Networking 10G SFP+ LC LR 10km SMF TAA Transceiver	JL749A
HPE Aruba Networking 10G I-Temp BiDi LC 10km-Downstream SMF 1330/1270 Transceiver	S6H20A
HPE Aruba Networking 10G I-Temp BiDi LC 10km-Upstream SMF 1270/1330 Transceiver	S6H21A
HPE Aruba Networking 10G I-Temp BiDi LC 10km-Downstream SMF 1330/1270 TAA Transceiver	S6H22A
HPE Aruba Networking 10G I-Temp BiDi LC 10km-Upstream SMF 1270/1330 TAA Transceiver	S6H24A
HPE Aruba Networking 10G SR SFP+ LC 400m OM4 MMF C-Class Transceiver	S2P30A
HPE Aruba Networking 10G LR SFP+ LC 10km SMF C-Class Transceiver	S2P31A
HPE Aruba Networking 10G ER SFP+ LC 40km SMF C-Class Transceiver	S2P32A
HPE Aruba Networking 10G I-Temp BiDi LC 10km-Downstream SMF 1330/1270 Transceiver	S6H20A
HPE Aruba Networking 10G I-Temp BiDi LC 10km-Upstream SMF 1270/1330 Transceiver	S6H21A
HPE Aruba Networking 10G I-Temp BiDi LC 10km-Downstream SMF 1330/1270 TAA Transceiver	S6H22A
HPE Aruba Networking 10G I-Temp BiDi LC 10km-Upstream SMF 1270/1330 TAA Transceiver	S6H24A
HPE Aruba Networking 10G SFP+ to SFP+ 1m Direct Attach Copper Cable	J9281D
HPE Aruba Networking 10G SFP+ to SFP+ 3m Direct Attach Copper Cable	J9283D
HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 3m Direct Attach Copper Cable	487655-B21
HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 5m Direct Attach Copper Cable	537963-B21
SFP28 Transceivers	
HPE Aruba Networking 25G ER LC 40km SMF Transceiver	S0V69A
HPE Aruba Networking 25G BiDi 10km-Downstream 1330/1270 Transceiver	S1C96A
HPE Aruba Networking 25G BiDi 10km-Upstream 1270/1330 Transceiver	S1C98A
HPE Aruba Networking 25G BiDi 40km-Downstream 1314/1289 Transceiver	S0V70A
HPE Aruba Networking 25G BiDi 40km-Upstream 1289/1314 Transceiver	S0V71A
HPE Aruba Networking 25G SFP28 LC SR 100m MMF Transceiver	JL484A
HPE Aruba Networking 25G SFP28 LC eSR 400m MMF Transceiver	JL485A
HPE Aruba Networking 25G eSR SFP28 LC 400m MMF TAA Transceiver	S5U19A
HPE Aruba Networking 25G SFP28 LC LR 10km SMF Transceiver	JL486A
HPE Aruba Networking 25G SR SFP28 LC 100m MMF C-Class Transceiver	S2P33A

Configuration Information

HPE Aruba Networking 25G LR SFP28 LC 10km SMF C-Class Transceiver	S2P34A
HPE Aruba Networking 25G SFP28 to SFP28 0.65m Direct Attach Cable	JL487A
HPE Aruba Networking 25G SFP28 to SFP28 3m Direct Attach Copper Cable	JL488A
HPE Aruba Networking 25G SFP28 to SFP28 5m Direct Attach Copper Cable	JL489A
HPE Aruba Networking 25G SFP28 to SFP28 3m Active Optical Cable	R0M44A
HPE Aruba Networking 25G SFP28 to SFP28 7m Active Optical Cable	R0M45A
HPE Aruba Networking 25G SFP28 to SFP28 15m Active Optical Cable	R0Z21A
HPE 25Gb SFP28 to SFP28 3m Direct Attach Copper Cable	844477-B21
HPE 25Gb SFP28 to SFP28 5m Direct Attach Copper Cable	844480-B21

QSFP+ Transceivers

HPE Aruba Networking 40G QSFP+ LC ER4 40km SMF Transceiver	Q9G82A
HPE Networking X142 40G QSFP+ MPO SR4 Transceiver	JH231A
HPE Networking X142 40G QSFP+ LC LR4 SM Transceiver	JH232A
HPE Networking X142 40G QSFP+ MPO eSR4 300M Transceiver	JH233A
HPE Aruba Networking 40G QSFP+ LC Bidirectional 150m MMF 2-strand Transceiver	JL308A
HPE Networking X242 40G QSFP+ to QSFP+ 1m Direct Attach Copper Cable	JH234A
HPE Networking X242 40G QSFP+ to QSFP+ 3m Direct Attach Copper Cable	JH235A
HPE Networking X242 40G QSFP+ to QSFP+ 5m Direct Attach Copper Cable	JH236A
HPE Aruba Networking 40G QSFP+ to QSFP+ 7m Active Optical Cable	R0Z22A
HPE Aruba Networking 40G QSFP+ to QSFP+ 15m Active Optical Cable	R0Z23A
HPE Aruba Networking 40G QSFP+ to QSFP+ 30m Active Optical Cable	R0Z24A
HPE BladeSystem c-Class 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable	721064-B21

QSFP28 Transceivers

HPE Aruba Networking 100G SR1.2 QSFP28 LC 100m MMF Transceiver	S4B44A
HPE Aruba Networking 100G DR QSFP28 LC 500m SMF Transceiver	S3N88A
HPE Aruba Networking 100G LR QSFP28 LC 10km SMF Transceiver	S3N89A
HPE Aruba Networking 100G SR2 MPO QSFP28 100m MMF Transceiver	S1C93A
HPE Aruba Networking 100G QSFP28 LC ER4L 40km SMF Transceiver	JL743A
HPE Aruba Networking 100G LR4 QSFP28 LC 10km SMF TAA Transceiver	S6H32A
HPE Aruba Networking 100G ER4L QSFP28 LC 40km SMF TAA Transceiver	S6H33A
HPE Aruba Networking 100G QSFP28 MPO SR4 100m 12-fiber MPO OM3 MMF Transceiver	JL309A
HPE Aruba Networking 100G QSFP28 LC LR4 10km SMF 2-strand Transceiver	JL310A
HPE Aruba Networking 100G QSFP28 LC CWDM4 2km SMF Transceiver	R0Z30A
HPE Aruba Networking 100G QSFP28 LC FR1 SMF 2km Transceiver	R9B63A
HPE Aruba Networking 100G QSFP28 to QSFP28 3m Direct Attach Copper Cable	JL307A
HPE Aruba Networking 100G QSFP28 to QSFP28 1m Direct Attach Copper Cable	R0Z25A
HPE Aruba Networking 100G QSFP28 to QSFP28 5m Direct Attach Copper Cable	R0Z26A
HPE 100Gb QSFP28 to 4x25Gb SFP28 3m Direct Attach Copper Cable	845416-B21
HPE Aruba Networking 100G QSFP28 to QSFP28 2m Active Optical Cable	JL856A
HPE Aruba Networking 100G QSFP28 to QSFP28 7m Active Optical Cable	R0Z27A
HPE Aruba Networking 100G QSFP28 to QSFP28 15m Active Optical Cable	R0Z28A
HPE Aruba Networking 100G QSFP28 to QSFP28 30m Active Optical Cable	R0Z29A
HPE QSFP28 to 4x25Gb SFP28 7m Active Optical Cable	845420-B21
HPE QSFP28 to 4x25Gb SFP28 15m Active Optical Cable	845424-B21

Configuration Information

HPE Aruba Networking 200G DD-2xQSFP28 100G 3m Active Optic Cable	R9B60A
HPE Aruba Networking 200G DD-2xQSFP28 100G 7m Active Optic Cable	R9B58A
HPE Aruba Networking 200G DD-2xQSFP28 100G 15m Active Optic Cable	R9B62A
HPE Aruba Networking 200G DD-2xQSFP28 100G 30m Active Optic Cable	R9B61A
HPE Aruba Networking 200G DD-2xQSFP28 100G 50m Active Optic Cable	R9B59A

QSA28 Adapter

HPE QSFP28 to SFP28 Adapter	845970-B21

Switch Options

Rack Mount Kits

HPE Aruba Networking X472 2-post Rack Kit	JL482C
HPE Aruba Networking X474 4-post Rack Kit	JL483C
HPE Aruba Networking X414 1U Universal 4-post Rack Mount Kit	J9583B
HPE Aruba Networking X414 4-post 610-687mm (24-27 inch) Depth Rack Mount Kit	S6X67A
HPE Aruba Networking CX 8325H 2-post Rack Mount Shelf Kit	S2T44A
HPE Aruba Networking CX 8325H 4-post Rack Mount Shelf Kit	S2T43A
HPE Aruba Networking 8325H Rack Mount Blank Panel	S5D79A

India PDU Cable

HPE Networking 2.0m C13 to C14 PDU India Power Cord	JL671A

Accessories

Description	SKU

Blank Panel

HPE Aruba Networking 8325H Rack Mount Blank Panel	S5D79A

USB Console Cables

HPE Aruba Networking USBA-RJ45 PIN3TX-6RX 2.5m Cable	R8Z87A
HPE Aruba Networking USBA-RJ45 PC-to-Switch PIN6TX-3RX 2.5m Cable	R9G48B
HPE Aruba Networking USB-A reversible to USB-C PC-to-Switch 3m Cable	R9J32A
HPE Aruba Networking USB-C to USB-C PC-to-Switch 3m Cable	R9J33A

Spare Items

HPE Aruba Networking CX 8325-48Y8C 48-port 25G SFP/SFP+/SFP28 and 8-port 100G QSFP+/QSFP28 Switch	JL635A
HPE Aruba Networking CX 8325-32C 32-port 100G QSFP+/QSFP28 Switch	JL636A
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G Switch	S4A48A
HPE Aruba Networking CX 8325P 32p QSFP28 40G/100G TAA Switch	S0G12A
HPE Aruba Networking 8325 650W 100-240VAC Front-to-Back Power Supply	JL632A
HPE Aruba Networking 8325 650W 100-240VAC Front-to-Back Power Supply PDU	JL632A#B2B
HPE Aruba Networking 8325 650W 100-240VAC Front-to-Back Power Supply PDU	JL632A#B2C
HPE Aruba Networking 8325 650W 100-240VAC Front-to-Back Power Supply 220v	JL632A#B2E

Configuration Information

HPE Aruba Networking 8325 650W 100-240VAC Front-to-Back Power Supply NoLoc	JL632A#AC3
HPE Aruba Networking 8325 650W 100-240VAC Back-to-Front Power Supply	JL633A
HPE Aruba Networking 8325 650W 100-240VAC Back-to-Front Power Supply PDU	JL633A#B2B
HPE Aruba Networking 8325 650W 100-240VAC Back-to-Front Power Supply PDU	JL633A#B2C
HPE Aruba Networking 8325 650W 100-240VAC Back-to-Front Power Supply 220v	JL633A#B2E
HPE Aruba Networking 8325 650W 100-240VAC Back-to-Front Power Supply NoLoc	JL633A#AC3
HPE Aruba Networking 8325 850W 48VDC Front-to-Back Power Supply	JL861A
HPE Aruba Networking 8325 850W 48VDC Back-to-Front Power Supply	JL862A
HPE Aruba Networking X3B1 650W 100-240VAC Front-to-Back Power Supply	S0G27A
HPE Aruba Networking X3B1 650W 100-240VAC Front-to-Back PDU Power Supply	S0G27A#B2B
HPE Aruba Networking X3B1 650W 100-240VAC Front-to-Back Power Supply Unit	S0G27A#B2C
HPE Aruba Networking X3B1 650W 100-240VAC Front-to-Back 220v Power Supply	S0G27A#B2E
HPE Aruba Networking X3B1 650W 100-240VAC Front-to-Back Power Supply No Loc	S0G27A#AC3
HPE Aruba Networking X3B1 650W 100-240VAC Back-to-Front Power Supply	S0G28A
HPE Aruba Networking X3B1 650W 100-240VAC Back-to-Front PDU Power Supply	S0G28A#B2B
HPE Aruba Networking X3B1 650W 100-240VAC Back-to-Front Power Supply Unit	S0G28A#B2C
HPE Aruba Networking X3B1 650W 100-240VAC Back-to-Front 220v Power Supply	S0G28A#B2E
HPE Aruba Networking X3B1 650W 100-240VAC Back-to-Front Power Supply No Loc	S0G28A#AC3
HPE Aruba Networking X3B1 48VDC 850W Front-to-Back Power Supply Unit	S0G29A
HPE Aruba Networking X3B1 48VDC 850W Back-to-Front Power Supply Unit	S0G30A
HPE Aruba Networking 8325-48Y8C Front-to-Back Fan	JL628A
HPE Aruba Networking 8325-48Y8C Back-to-Front Fan	JL629A
HPE Aruba Networking 8325-32C Front-to-Back Fan	JL630A
HPE Aruba Networking 8325-32C Back-to-Front Fan	JL631A
HPE Aruba Networking X472 2-post Rack Kit	JL482C
HPE Aruba Networking X474 4-post Rack Kit	JL483C
HPE Aruba Networking X414 4-post 610-687mm (24-27 inch) Depth Rack Mount Kit	S6X67A
HPE Aruba Networking X414 1U Universal 4-post Rack Mount Kit	J9583B
HPE Aruba Networking CX 8325H 4-post Rack Mount Shelf Kit	S2T43A
HPE Aruba Networking CX 8325H 2-post Rack Mount Shelf Kit	S2T44A
HPE Aruba Networking 8325H Rack Mount Blank Panel	S5D79A
HPE Aruba Networking X2C2 RJ45 to DB9 Console Cable	JL448A
HPE Aruba Networking CX Switch Bluetooth Adapter	S1H23A

Software

Description	SKU
NetEdit	
NetEdit / Single Node Subscription	
HPE Aruba Networking NetEdit Single Node 1yr Subscription E-STU	JL639AAE
HPE Aruba Networking NetEdit Single Node 3yr Subscription E-STU	JL640AAE
HPE Aruba Networking Fabric Composer	
HPE Aruba Networking Fabric Composer Device Management Service Tier 4 Switch 1y Subscription E-STU	R7G99AAE

Configuration Information

HPE Aruba Networking Fabric Composer Device Management Service Tier 4 Switch 3y Subscription E-STU	R7H00AAE
HPE Aruba Networking Fabric Composer Device Management Service Tier 4 Switch 5y Subscription E-STU	R7H01AAE

HPE Aruba Networking Central

Cloud Services / 8XXX Switch Foundation Subscriptions

HPE Aruba Networking Central Switch Class5 Foundation 1-year Subscription E-STU	R3K03AAE
HPE Aruba Networking Central Switch Class5 Foundation 3-year Subscription E-STU	R3K04AAE
HPE Aruba Networking Central Switch Class5 Foundation 5-year Subscription E-STU	R3K05AAE
HPE Aruba Networking Central Switch Class5 Foundation 7-year Subscription E-STU	R3K06AAE
HPE Aruba Networking Central Switch Class5 Foundation 10-year Subscription E-STU	R3K07AAE

On-Prem Services / 8XXX Switch Foundation Subscriptions

HPE Aruba Networking Central on Prem Switch Class-5 Foundation 1 year Subscription E-STU	R6U88AAE
HPE Aruba Networking Central on Prem Switch Class-5 Foundation 3 year Subscription E-STU	R6U89AAE
HPE Aruba Networking Central on Prem Switch Class-5 Foundation 5 year Subscription E-STU	R6U90AAE
HPE Aruba Networking Central on Prem Switch Class-5 Foundation 7 year Subscription E-STU	R6U91AAE
HPE Aruba Networking Central on Prem Switch Class-5 Foundation 10 year Subscription E-STU	R6U92AAE

On-Prem Services / 8XXX/9XXX/10XXX Switch Advanced Subscriptions

HPE Aruba Networking Central On-Premises Switch Class5 Advanced 1-year Subscription E-STU	R6V08AAE
HPE Aruba Networking Central On-Premises Switch Class5 Advanced 3-year Subscription E-STU	R6V09AAE
HPE Aruba Networking Central On-Premises Switch Class5 Advanced 5-year Subscription E-STU	R6V10AAE
HPE Aruba Networking Central On-Premises Switch Class5 Advanced 7-year Subscription E-STU	R6V11AAE
HPE Aruba Networking Central On-Premises Switch Class5 Advanced 10-year Subscription E-STU	R6V12AAE

HPE Aruba Networking OS-CX Software

CX Advanced Software Licenses

HPE Aruba Networking CX Software 8/9xxx Switch Advanced 1-year Subscription E-STU	S0T87AAE
HPE Aruba Networking CX Software 8/9xxx Switch Advanced 3-year Subscription E-STU	S0T88AAE
HPE Aruba Networking CX Software 8/9xxx Switch Advanced 5-year Subscription E-STU	S0T89AAE
HPE Aruba Networking CX Software 8/9xxx Switch Advanced 7-year Subscription E-STU	S0T90AAE
HPE Aruba Networking CX Software 8/9xxx Switch Advanced 10-year Subscription E-STU	S0T86AAE

CX Advanced AAS Software Licenses

HPE Aruba Networking CX 8/9xxx Group5 Advanced Feature Pack 1-year Subscription 9x5 Support E-STU	S0T87AAS
HPE Aruba Networking CX 8/9xxx Group5 Advanced Feature Pack 3-year Subscription 9x5 Support E-STU	S0T88AAS
HPE Aruba Networking CX 8/9xxx Group5 Advanced Feature Pack 5-year Subscription 9x5 Support E-STU	S0T89AAS
HPE Aruba Networking CX 8/9xxx Group5 Advanced Feature Pack 7-year Subscription 9x5 Support E-STU	S0T90AAS
HPE Aruba Networking CX 8/9xxx Group5 Advanced Feature Pack 10-year Subscription 9x5 Support E-STU	S0T86AAS

Configuration Information

HPE Aruba Networking CX 8/9xxx Group5 Advanced Feature Pack 1-year Subscription 24x7 Support E-STU	S3M90AAS
HPE Aruba Networking CX 8/9xxx Group5 Advanced Feature Pack 3-year Subscription 24x7 Support E-STU	S3M91AAS
HPE Aruba Networking CX 8/9xxx Group5 Advanced Feature Pack 5-year Subscription 24x7 Support E-STU	S3M92AAS
HPE Aruba Networking CX 8/9xxx Group5 Advanced Feature Pack 7-year Subscription 24x7 Support E-STU	S3M93AAS
HPE Aruba Networking CX 8/9xxx Group5 Advanced Feature Pack 10-year Subscription 24x7 Support E-STU	S3M89AAS

As-a-Service

HPE Aruba Networking Central

Cloud Services / 8XXX Switch Foundation Subscriptions

HPE Aruba Networking Central Switch Class-5 Foundation 1 year Subscription SaaS	R3K03AAS
HPE Aruba Networking Central Switch Class-5 Foundation 3 year Subscription SaaS	R3K04AAS
HPE Aruba Networking Central Switch Class-5 Foundation 5 year Subscription SaaS	R3K05AAS
HPE Aruba Networking Central Switch Class-5 Foundation 7 year Subscription SaaS	R3K06AAS
HPE Aruba Networking Central Switch Class-5 Foundation 10 year Subscription SaaS	R3K07AAS

Cloud Services / Switch Advanced AAS Licenses

HPE Aruba Networking Central Switch Class-5 Advanced 7 year Subscription SaaS	S0W45AAS
HPE Aruba Networking Central Switch Class-5 Advanced 10 year Subscription SaaS	S0W46AAS
HPE Aruba Networking Central Switch Class-5 Advanced 1 year Subscription SaaS	S0W62AAS
HPE Aruba Networking Central Switch Class-5 Advanced 3 year Subscription SaaS	S0W63AAS
HPE Aruba Networking Central Switch Class-5 Advanced 5 year Subscription SaaS	S0W64AAS
HPE Aruba Networking Central Switch Class-5 Advanced 7 year Subscription SaaS	S0W65AAS
HPE Aruba Networking Central Switch Class-5 Advanced 10 year Subscription SaaS	S0W66AAS
HPE Aruba Networking Central Switch Class-5 Advanced 1 year Subscription SaaS	S0W87AAS
HPE Aruba Networking Central Switch Class-5 Advanced 3 year Subscription SaaS	S0W88AAS
HPE Aruba Networking Central Switch Class-5 Advanced 5 year Subscription SaaS	S0W89AAS

HPE Aruba Networking OS-CX Software

CX Advanced AAS Software Licenses

HPE Aruba Networking CX 8/9xxx Group5 Advanced Feature Pack 1-year Subscription 9x5 Support E-STU	S0T87AAS
HPE Aruba Networking CX 8/9xxx Group5 Advanced Feature Pack 3-year Subscription 9x5 Support E-STU	S0T88AAS
HPE Aruba Networking CX 8/9xxx Group5 Advanced Feature Pack 5-year Subscription 9x5 Support E-STU	S0T89AAS
HPE Aruba Networking CX 8/9xxx Group5 Advanced Feature Pack 7-year Subscription 9x5 Support E-STU	S0T90AAS
HPE Aruba Networking CX 8/9xxx Group5 Advanced Feature Pack 10-year Subscription 9x5 Support E-STU	S0T86AAS

Configuration Information

HPE Aruba Networking CX 8/9xxx Group5 Advanced Feature Pack 1-year Subscription 24x7 Support E-STU	S3M90AAS
HPE Aruba Networking CX 8/9xxx Group5 Advanced Feature Pack 3-year Subscription 24x7 Support E-STU	S3M91AAS
HPE Aruba Networking CX 8/9xxx Group5 Advanced Feature Pack 5-year Subscription 24x7 Support E-STU	S3M92AAS
HPE Aruba Networking CX 8/9xxx Group5 Advanced Feature Pack 7-year Subscription 24x7 Support E-STU	S3M93AAS
HPE Aruba Networking CX 8/9xxx Group5 Advanced Feature Pack 10-year Subscription 24x7 Support E-STU	S3M89AAS

Technical Specifications

	JL624A 8325-48Y8C front-to-back AC switch bundle	JL625A 8325-48Y8C back-to-front AC switch bundle	JL626A 8325-32C front-to-back AC switch bundle	JL627A 8325-32C back-to-front AC switch bundle
Description	1 x JL635A base 8325-48Y8C switch – 6 x JL628A Front-to-Back Fan – 2 x JL632A Front-to-Back 650W 100-240VAC – Power Supply	1 x JL635A base 8325-48Y8C switch – 6 x JL629A – Back-to-Front Fan – 2 x JL633A Back-to-Front 650W 100-240VAC – Power Supply	1 x JL636A base 8325-32C switch – 6 x JL630A – Front-to-Back Fan – 2 x JL632A Front-to-Back 650W 100-240VAC – Power Supply	1 x JL636A base 8325-32C switch – 6 x JL631A Back-to-Front Fan – 2 x JL633A Back-to-Front 650W 100-240VAC – Power Supply
	Supports 48 ports of 1G/10G/25GbE (SFP/SFP+/SFP28) and 8 ports of 40G/100GbE (QSFP+/QSFP28) [optional 1GBASE-T and 10GBASE-T transceivers, 4x10G and 4x25G breakout cables]	Supports 48 ports of 1G/10G/25GbE (SFP/SFP+/SFP28) and 8 ports of 40G/100GbE (QSFP+/QSFP28) [optional 1GBASE-T and 10GBASE-T transceivers, 4x10G and 4x25G breakout cables]	Supports 32 ports of 40G/100GbE (QSFP+/QSFP28) [optional 4x10G and 4x25G breakout cables]	Supports 32 ports of 40G/100GbE (QSFP+/QSFP28) [optional 4x10G and 4x25G breakout cables]
Power supplies	Field-replaceable, hot-swappable, and up to 2 power supplies.			
Fans		Field-replaceable, hot-swappable, and up to 6 fans.		
Physical characteristics				
Dimensions	(H) 4.35 cm x (W) 43.84 cm x (D) 53.6 cm (1.71" x 17.26" x 21.1")	(H) 4.35 cm x (W) 43.84 cm x (D) 53.6 cm (1.71" x 17.26" x 21.1")	(H) 4.395 cm x (W) 44.25 cm x (D) 47.3 cm (1.73" x 17.42" x 18.62")	(H) 4.395 cm x (W) 44.25 cm x (D) 47.3 cm (1.73" x 17.42" x 18.62")
Full configuration weight	10 kg (22.05 lb)	10 kg (22.05 lb)	10.87 kg (23.96 lb)	10.87 kg (23.96 lb)
Additional specifications				
CPU		2.2 GHz		
Memory, drive and flash		16 GB RAM, 64 GB SSD, 8 GB flash		
Packet buffer		32 MB		
Performance*				
Switching capacity	4 Tbps		6.4 Tbps	
IPv4 host table		120,000		
IPv6 host table		52,000		

Technical Specifications

	JL624A 8325-48Y8C front-to-back AC switch bundle	JL625A 8325-48Y8C back-to-front AC switch bundle	JL626A 8325-32C front-to-back AC switch bundle	JL627A 8325-32C back-to-front AC switch bundle
Performance*				
IPv4 unicast routes		131,072		
IPv6 unicast routes		32,732		
MAC table size		98,304		
IGMP groups		4,094		
MLD groups		4,094		
IPv4 multicast routes		8,192		
IPv6 multicast routes		8,192		
Environment				
Operating temperature		0°C to 40°C (32°F to 104°F) up to 3.0 km (10,000 ft.)		
Operating relative humidity		5% to 95% at 40°C (104°F) non-condensing		
Non-operating temperature		-40°C to 70°C (-40°F to 158°F) up to 4.6 km (15,000 ft.)		
Non-operating/ storage relative humidity		5% to 95% @ 65°C (149°F)		
Max operating altitude		Up to 10,000 ft (3.048 km)		
Max non-operating		Up to 15,000 ft (4.6km)		
Primary airflow		Front-to-back or back-to-front		
Electrical characteristics				
Power supplies		50-60Hz		
AC voltage		100-240 VAC		
Current		6.2A (low voltage)–3.1A (high voltage)		
Power consumption*	Max: 586W, 2000 BTU/hr Idle: 209W, 714 BTU/hr	Max: 586W, 2000 BTU/hr Idle: 209W, 714 BTU/hr	Max: 618W, 2110 BTU/hr Idle: 143W, 489 BTU/hr	Max: 618W, 2110 BTU/hr Idle: 143W, 489 BTU/hr

Technical Specifications

	JL857A 8325-48Y8C front-to-back DC switch bundle	JL858A 8325-48Y8C back-to-front DC switch bundle	JL859A 8325-32C front-to-back DC Switch Bundle	JL860A 8325-32C back-to-front DC switch bundle
8325 DC power bundle options				
Electrical characteristics				
DC input (nominal)			48VDC	
DC input (max range)		36VDC to -72VDC		
Maximum current	14.3 A	15.3 A	15.1 A	16.4 A
Power consumption*	Max: 520W, 1777 BTU/hr Idle: 198W, 674 BTU/hr	Max: 520W, 1777 BTU/hr Idle: 198W, 674 BTU/hr	Max: 558W, 1907 BTU/hr Idle: 135W, 462 BTU/hr	Max: 558W, 1907 BTU/hr Idle: 135W, 462 BTU/hr
Safety	EN/IEC 62368-1, 2nd. Ed. UL 62368-1, 2nd. Ed. CAN/CSA C22.2 No. 62368-1, 2nd. Ed.			
EMC	EN 55032:2015/CISPR 32, Class A FCC CFR 47 Part 15: 2018 Class A ICES-003 Class A VCCI Class A CNS 13438 Class A KS C 9832 Class A AS/NZS CISPR 32 Class A EN 55035, CISPR 35, KS KS C 9835			
NEBS	SR-3580, Level 3, NEBS Criteria Levels GR-1089-CORE, EMC & Electrical Safety GR-63-CORE, Physical Protections ETSI EN 300 386, Class A, EMC ETSI EN 300 019-2-1, Class 1.2, Storage ETSI EN 300 019-2-2, Class 2.3, Transportation ETSI EN 300 019-2-3, Class 3.1 & 3.1E, Stationary Use at Weather Protected Locations ETSI 300 132, Power Supply Interface to Telecom Equipment, - 48VDC ETSI ETS 300 753, Acoustic Noise			
Lasers	EN60825-1:2014/IEC 60825-1: 2014 Class 1 Class 1 Laser Products/Laser Klasse 1			
Management	REST SNMP RJ-45 serial USB micro USB console RJ-45 Ethernet port			
Mounting and enclosure	Mounts in an EIA standard 19-inch rack or other equipment cabinet; horizontal surface mounting only; order 2-post or 4-post mounting kit separately			

Technical Specifications

	HPE Aruba Networking CX 8325P-32C front-to-back DC switch bundle	HPE Aruba Networking CX 8325P-32C back-to-front DC switch bundle	HPE Aruba Networking CX 8325P-32C front-to-back AC switch bundle	HPE Aruba Networking CX 8325P-32C back-to-front AC switch bundle
Description	HPE Aruba Networking 8325P-32C 32p 100G QSFP+/28 Front-to-Back 6 Fans 2 DC PSU TAA Bundle (S0G07A) HPE Aruba Networking 8325P 32p QSFP28 40G/100G Front-to-Back 6 Fans 2 DC PSU Bundle (S4A49A) HPE Aruba Networking X3B4 850W 48VDC Front-to-Back Power Supply Unit (S0G29A)	HPE Aruba Networking 8325P-32C 32p 100G QSFP+/28 Back-to-Front 6 Fans 2 DC PSU TAA Bundle (S0G08A) HPE Aruba Networking 8325P 32p QSFP28 40G/100G Back-to-Front 6 Fans 2 DC PSU Bundle (S4A50A) - HPE Aruba Networking X3B4 850W 48VDC Back-to-Front Power Supply Unit (S0G30A)	HPE Aruba Networking 8325P-32C 32p 100G QSFP+/28 Front-to-Back 6 Fans 2 AC PSU TAA Bundle (S0G09A) HPE Aruba Networking 8325P 32p QSFP28 40G/100G Front-to-Back 6 Fans 2 AC PSU Bundle (S4A51A) - HPE Aruba Networking X3B1 650W 100-240VAC Front-to-Back Power Supply Unit (S0G27A)	HPE Aruba Networking 8325P-32C 32p 100G QSFP+/28 Back-to-Front 6 Fans 2 AC PSU TAA Bundle (S0G10A) HPE Aruba Networking 8325P 32p QSFP28 40G/100G Back-to-Front 6 Fans 2 AC PSU Bundle (S4A52A) - HPE Aruba Networking X3B1 650W 100-240VAC Back-to-Front Power Supply Unit (S0G28A)
Power supplies	Field-replaceable, hot-swappable, and up to 2 power supplies.			
Fans		Field-replaceable, hot-swappable, and up to 6 fans.		
Physical characteristics				
Dimensions	(H) 4.3 cm x (W) 44.2 cm x (D) 56.5 cm (1.69" x 17.42" x 22.24")	(H) 4.3 cm x (W) 44.2 cm x (D) 56.5 cm (1.69" x 17.42" x 22.24")	(H) 4.3 cm x (W) 44.2 cm x (D) 55.3 cm (1.69" x 17.42" x 21.77")	(H) 4.3 cm x (W) 44.2 cm x (D) 55.3 cm (1.69" x 17.42" x 21.77")
Full configuration weight	9.3 kg (20.5 lb)	9.3 kg (20.5 lb)	9.51 kg (21 lb)	9.51 kg (21 lb)
Additional specifications				
CPU		2.2 GHz		
Memory, drive and flash		32 GB RAM, 128 GB SSD, 4 GB flash		
Packet buffer		32 MB		
Performance*				
Switching capacity	6.4 Tbps			
IPv4 host table		120,000		
IPv6 host table		52,000		

Technical Specifications

	HPE Aruba Networking CX 8325P-32C front-to-back DC switch bundle	HPE Aruba Networking CX 8325P-32C back-to-front DC switch bundle	HPE Aruba Networking CX 8325P-32C front-to-back AC switch bundle	HPE Aruba Networking CX 8325P-32C back-to-front AC switch bundle
Performance*				
IPv4 unicast routes		131,072		
IPv6 unicast routes		32,732		
MAC table size		98,304		
IGMP groups		4,094		
MLD groups		4,094		
IPv4 multicast routes		8,192		
IPv6 multicast routes		8,192		
Environment				
Operating temperature		0°C to 40°C (32°F to 104°F) up to 3.0 km (10,000 ft.)		
Operating relative humidity		5% to 95% at 40°C (104°F) non-condensing		
Non-operating temperature		-40°C to 70°C (-40°F to 158°F) up to 4.6 km (15,000 ft.)		
Non-operating/ storage relative humidity		5% to 95% @ 65°C (149°F)		
Max operating altitude		Up to 10,000 ft (3.048 km)		
Max non-operating		Up to 15,000 ft (4.6km)		
Primary airflow		Front-to-back or back-to-front		
Acoustics[1]	LWAd = 7.3 Bel LpAm (Bystander) = 57 dB		LWAd = 7.5 Bel LpAm (Bystander) = 57 dB	
Electrical characteristics				
Power supplies	N/A		50–60 Hz	
Voltage	-36 – -72voltsDC		100–240 volts AC	
Current	28–14 A		7.8 – 3.8 A	
Power	Max: 632W		Max: 632W	

Technical Specifications

consumption *	Idle: 160W	Idle: 179W

	HPE Aruba Networking CX 8325P-32C front-to-back DC switch bundle	HPE Aruba Networking CX 8325P-32C back-to-front DC switch bundle	HPE Aruba Networking CX 8325P-32C front-to-back AC switch bundle	HPE Aruba Networking CX 8325P-32C back-to-front AC switch bundle
Safety	EN/IEC 62368-1 2nd, & 3rd, Edition. UL 62368-1 3rd, Edition. CSA C22.2 No. 62368-1:19, 3rd. Edition.			
EMC	EN 55032:2015/CISPR 32, Class A FCC CFR 47 Part 15: Class A VCCI-CISPR 32, Class A CNS 15936, Class A KS C 9832, Class A AS/NZS CISPR 32, Class A EN 55035, CISPR 35, KS C 9835 ETSI EN 301 489-1 ETSI EN 301 489-19 TEC/EMI/TEL-001/FEB-09 TEC-SD-DD-EMC-221-05-OCT-16			
NEBS	SR-3580, Level 3, NEBS Criteria Levels GR-1089-CORE, EMC & Electrical Safety GR-63-CORE, Physical Protections ETSI EN 300 386, Class A, EMC ETSI EN 300 019-2-1, Class 1.2, Storage ETSI EN 300 019-2-2, Class 2.3, Transportation ETSI EN 300 019-2-3, Class 3.1 & 3.1E, Stationary Use at Weather Protected Locations ETSI 300 132, Power Supply Interface to Telecom Equipment, -48VDC ETSI ETS 300 753, Acoustic Noise			
Lasers	EN60825-1:2014/IEC 60825-1: 2014 Class 1 Class 1 Laser Products/Laser Klasse 1			
Management	REST SNMP RJ-45 serial USB-C console RJ-45 Ethernet port			
Mounting and enclosure	Mounts in an EIA standard 19-inch rack or other equipment cabinet; horizontal surface mounting only; order 2-post or 4-post mounting kit separately			

Technical Specifications

	HPE Aruba Networking CX 8325H-18Y4C front-to-back switch	HPE Aruba Networking CX 8325H-18Y4C back-to-front switch	HPE Aruba Networking CX 8325H-16C front-to-back switch	HPE Aruba Networking CX 8325H-16C back-to-front switch
Safety	EN/IEC 62368-1 2nd, & 3rd, Edition. UL 62368-1 3rd, Edition. CSA C22.2 No. 62368-1:19, 3rd. Edition.			
EMC	EN 55032: 2015/CISPR 32, Class A FCC CFR 47 Part 15: Class A VCCI-CISPR 32, Class A CNS 15936, Class A KS C 9832, Class A AS/NZS CISPR 32, Class A EN 55035, CISPR 35, KS C 9835 ETSI EN 301 489-1 ETSI EN 301 489-19 TEC/EMI/TEL-001/FEB-09 TEC-SD-DD-EMC-221-05-OCT-16			
NEBS	SR-3580, Level 3, NEBS Criteria Levels GR-1089- CORE, EMC & Electrical Safety GR-63-CORE, Physical Protections ETSI EN 300 386, Class A, EMC ETSI EN 300 019-2-1, Class 1.2, Storage ETSI EN 300 019-2-2, Class 2.3, Transportation ETSI EN 300 019-2-3, Class 3.1 & 3.1E, Stationary Use at Weather Protected Locations ETSI 300 132, Power Supply Interface to Telecom Equipment, -48 VDC ETSI ETS 300 753, Acoustic Noise			
Lasers	EN60825-1:2014/IEC 60825-1: 2014 Class 1 Class 1 Laser Products/Laser Klasse 1			
Management	REST SNMP RJ-45 serial USB-C console RJ-45 Ethernet port			
Mounting and enclosure	Mounts in an EIA standard 19-inch rack or other equipment cabinet; horizontal surface mounting only; Requires either 2 Post (S2T44A) Rack mount Kit, Brackets Included or 4 Post (S2T43A) Rack Mount Kit, Rail mounts ordered separately (J9583B)			

Standards and protocols

The following standards and protocols are supported.

- IEEE 802.1AB-2009
- IEEE 802.1ak-2007
- IEEE 802.1t-2001
- IEEE 802.1AX-2008 Link Aggregation
- IEEE 802.1p Traffic Class Expediting and Dynamic Multicast Filtering
- IEEE 802.1Q VLANs
- IEEE 802.1s Multiple Spanning Trees
- IEEE 802.1w Rapid Reconfiguration of Spanning Tree
- IEEE 802.3ad Link Aggregation Control Protocol (LACP)
- IEEE 802.3x Flow Control
- IEEE 802.3z Gigabit Ethernet
- IEEE 802.3ae 10 Gigabit Ethernet
- IEEE 802.3by 25 Gigabit Ethernet
- IEEE 802.3ba 40 and 100 Gigabit Ethernet Architecture
- RFC 768 UDP
- RFC 791 IP
- RFC 792 ICMP
- RFC 793 TCP
- RFC 826 ARP
- RFC 768 User Datagram Protocol
- RFC 813 Window and Acknowledgement Strategy in TCP
- RFC 815 IP datagram reassembly algorithms
- RFC 879 TCP maximum segment size and related topics
- RFC 896 Congestion control in IP/ TCP internetworks
- RFC 917 Internet subnets
- RFC 919 Broadcasting Internet Datagrams
- RFC 922 Broadcasting Internet Datagrams in the Presence of Subnets (IP_BROAD)
- RFC 925 Multi-LAN address resolution
- RFC 1215 Convention for the defining traps for use with SNMP
- RFC 1256 ICMP Router Discovery Messages
- RFC 1393 Traceroute Using an IP Option
- RFC 1591 Domain Name System Structure and Delegation
- RFC 1657 Definitions of Managed Objects for BGP-4 using SMIv2
- RFC 1772 Application of the Border Gateway Protocol in the Internet
- RFC 1981 Path MTU Discovery for IP version 6
- RFC 1997 BGP Communities Attribute
- RFC 1998 An Application of the BGP Community Attribute in Multi-home Routing
- RFC 2385 Protection of BGP Sessions via the TCP MD5 Signature Option
- RFC 2401 Security Architecture for the Internet Protocol
- RFC 2402 IP Authentication Header
- RFC 2406 IP Encapsulating Security Payload (ESP)
- RFC 2460 Internet Protocol, Version 6 (IPv6) Specification
- RFC 2545 Use of BGP-4 Multiprotocol Extensions for IPv6 Inter- Domain Routing

Technical Specifications

- RFC 2710 Multicast Listener Discovery (MLD) for IPv6
- RFC 2787 Definitions of Managed Objects for the Virtual Router Redundancy Protocol
- RFC 2918 Route Refresh Capability for BGP-4
- RFC 2934 Protocol Independent Multicast MIB for IPv4
- RFC 3137 OSPF Stub Router Advertisement
- RFC 3176 InMon Corporation's sFlow: A Method for Monitoring Traffic in Switched and Routed Networks
- RFC 3484: Default Address Selection for Internet Protocol version 6 (IPv6)
- RFC 3509 Alternative Implementations of OSPF Area Border Routers
- RFC 3623 Graceful OSPF Restart
- RFC 3810 Multicast Listener Discovery Version 2 (MLDv2) for IPv6
- RFC 4213 Basic Transition Mechanisms for IPv6 Hosts and Routers
- RFC 4251 The Secure Shell (SSH) Protocol
- RFC 4271 A Border Gateway Protocol 4 (BGP-4)
- RFC 4273 Definitions of Managed Objects for BGP-4
- RFC 4291 IP Version 6 Addressing Architecture
- RFC 4292 IP Forwarding Table MIB
- RFC 4293 Management Information Base for the Internet Protocol (IP)
- RFC 4360 BGP Extended Communities Attribute
- RFC 4486 Subcodes for BGP Cease Notification Message
- RFC 4552 Authentication/Confidentiality for OSPFv3
- RFC 4724 Graceful Restart Mechanism for BGP
- RFC 4760 Multiprotocol Extensions for BGP-4
- RFC 4861 Neighbor Discovery for IP version 6 (IPv6)
- RFC 4940 IANA Considerations for OSPF
- RFC 5095: Deprecation of Type 0 Routing Headers in IPv6
- RFC 5187 OSPFv3 Graceful Restart
- RFC 5492 Capabilities Advertisement with BGP-4
- RFC 5701 IPv6 Address Specific BGP Extended Community Attribute
- RFC 6987 OSPF Stub Router Advertisement
- RFC 7047 The Open vSwitch Database Management Protocol
- RFC 7059 A Comparison of IPv6-over-IPv4 Tunnel Mechanisms
- RFC 7313 Enhanced Route Refresh Capability for BGP-4
- RFC 8201 Path MTU Discovery for IP version 6
- PTP (1588v2), Telecom Profiles G.8275.1 and G.8275.2 with Class C performance, Synchronous Ethernet (SyncE, G.8262.1)*

Notes: *Supported with CX 8325P-32C only

HPE Aruba Networking Data Center Networking Solution for HPE

New HPE Aruba Networking Data Center Networking Solution SKUs for HPE

Hewlett Packard Enterprise and HPE Aruba Networking offer customers highly differentiated pre-engineered IT infrastructure solutions that span a wide variety HPE compute, storage, networking that span virtualization, vSAN, HCI, HPC, MCS, Microsoft, SAP HANA, VMware, Nutanix application and IaaS service offerings. HPE Aruba Networking 10/25 and 40/100G CX switches can be deployed as part of these solutions and is often designed into these integrated solutions along with HPE ProLiant DL/DX servers, SimpliVity, Nimble, Synergy, Cray Shasta, Cray ClusterStor, Superdome Flex and GreenLake. These ready-to-deploy, integrated IT data center solutions help simplify and speed IT service delivery while reducing the time, risk, and expertise needed to deploy complex solutions.

To ensure that these Hewlett Packard Enterprise and HPE Aruba Networking integrated solutions receive simplified ordering and the highest-level of customer service and support, HPE Aruba Networking has created a special tracking HPE Aruba Networking Data Center networking SKUs for HPE deployments that identifies these integrated solutions to ensure they receive rapid support triage and streamlines escalation through HPE Services. Please use these new tracking SKUs when HPE Aruba Networking CX switches are included in HPE integrated and mixed compute, storage and networking configuration and deployments, refer to this page for HPE Aruba Networking Switches qualification with Storage solutions:

Notes: Current HPE Aruba Networking “J#” SKUs should still be used for all data center network centric (HPE Aruba Networking “only”, Non HPE environments). Please contact your sales representative for additional information and ordering guidance.

HPE Aruba Networking 8325 DC Switch Series

BTO Models

Description	SKU
AC Bundles	
HPE Aruba Networking CX 8325-48Y8C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle	R9F64A
HPE Aruba Networking CX 8325-48Y8C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle PDU	R9F64A#B2B
HPE Aruba Networking CX 8325-48Y8C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle PDU	R9F64A#B2C
HPE Aruba Networking CX 8325-48Y8C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle 220v	R9F64A#B2E
HPE Aruba Networking CX 8325-48Y8C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle NoLoc	R9F64A#AC3
HPE Aruba Networking CX 8325-48Y8C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle	R9F65A
HPE Aruba Networking CX 8325-48Y8C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle 220v	R9F65A#B2B
HPE Aruba Networking CX 8325-48Y8C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle PDU	R9F65A#B2C
HPE Aruba Networking CX 8325-48Y8C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle 220v	R9F65A#B2E
HPE Aruba Networking CX 8325-48Y8C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle NoLoc	R9F65A#AC3
HPE Aruba Networking CX 8325-32C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle	R9F66A

HPE Aruba Networking Data Center Networking Solution for HPE

HPE Aruba Networking CX 8325-32C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle PDU	R9F66A#B2B
HPE Aruba Networking CX 8325-32C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle PDU	R9F66A#B2C
HPE Aruba Networking CX 8325-32C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle 220v	R9F66A#B2E
HPE Aruba Networking CX 8325-32C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle NoLoc	R9F66A#AC3
HPE Aruba Networking CX 8325-32C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle	R9F67A
HPE Aruba Networking CX 8325-32C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle PDU	R9F67A#B2B
HPE Aruba Networking CX 8325-32C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle PDU	R9F67A#B2C
HPE Aruba Networking CX 8325-32C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle 220v	R9F67A#B2E
HPE Aruba Networking CX 8325-32C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle NoLoc	R9F67A#AC3

DC Bundles

HPE Aruba Networking CX 8325-48Y8C Port-to-Power Airflow 6 Fans 2 DC PSU Switch Bundle	S1D09A
HPE Aruba Networking CX 8325-48Y8C Power-to-Port Airflow 6 Fans 2 DC PSU Switch Bundle	S1D10A
HPE Aruba Networking CX 8325-32C Port-to-Power Airflow 6 Fans 2 DC PSU Switch Bundle	S1D11A
HPE Aruba Networking CX 8325-32C Power-to-Port Airflow 6 Fans 2 DC PSU Switch Bundle	S1D12A

Rack Level Integration CTO Models

Description	SKU
AC Bundles	
HPE Aruba Networking CX 8325-48Y8C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle	R9F64A
HPE Aruba Networking CX 8325-48Y8C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle PDU	R9F64A#B2B
HPE Aruba Networking CX 8325-48Y8C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle PDU	R9F64A#B2C
HPE Aruba Networking CX 8325-48Y8C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle 220v	R9F64A#B2E
HPE Aruba Networking CX 8325-48Y8C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle NoLoc	R9F64A#AC3
HPE Aruba Networking CX 8325-48Y8C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle	R9F65A
HPE Aruba Networking CX 8325-48Y8C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle 220v	R9F65A#B2B
HPE Aruba Networking CX 8325-48Y8C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle PDU C13 PDU Jumper Cord (ROW) (JL697A C13 PDU cord)	R9F65A#B2C
HPE Aruba Networking CX 8325-48Y8C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle 220v	R9F65A#B2E
HPE Aruba Networking CX 8325-48Y8C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle NoLoc	R9F65A#AC3

HPE Aruba Networking Data Center Networking Solution for HPE

HPE Aruba Networking CX 8325-32C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle	R9F66A
HPE Aruba Networking CX 8325-32C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle PDU	R9F66A#B2B
HPE Aruba Networking CX 8325-32C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle PDU	R9F66A#B2C
HPE Aruba Networking CX 8325-32C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle 220v	R9F66A#B2E
HPE Aruba Networking CX 8325-32C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle NoLoc	R9F66A#AC3
HPE Aruba Networking CX 8325-32C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle	R9F67A
HPE Aruba Networking CX 8325-32C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle PDU	R9F67A#B2B
HPE Aruba Networking CX 8325-32C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle PDU	R9F67A#B2C
HPE Aruba Networking CX 8325-32C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle 220v	R9F67A#B2E
HPE Aruba Networking CX 8325-32C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle NoLoc	R9F67A#AC3

DC Bundles

HPE Aruba Networking CX 8325-48Y8C Port-to-Power Airflow 6 Fans 2 DC PSU Switch Bundle	S1D09A
HPE Aruba Networking CX 8325-48Y8C Power-to-Port Airflow 6 Fans 2 DC PSU Switch Bundle	S1D10A
HPE Aruba Networking CX 8325-32C Port-to-Power Airflow 6 Fans 2 DC PSU Switch Bundle	S1D11A
HPE Aruba Networking CX 8325-32C Power-to-Port Airflow 6 Fans 2 DC PSU Switch Bundle	S1D12A

Transceivers

SFP Transceivers

Description	SKU
HPE Aruba Networking 1G SFP LC SX 500m OM2 MMF Transceiver	R9F86A
HPE Aruba Networking 1G SFP LC LX 10km SMF Transceiver	J4859D
HPE Aruba Networking 1G SFP LC LH 70km SMF Transceiver	J4860D
HPE Aruba Networking 1G SFP RJ45 T 100m Cat5e Transceiver	R9F87A
HPE Aruba Networking 1G SFP LC SX 500m MMF TAA Transceiver	R9Q43A
HPE Aruba Networking 1G SFP LC LX 10km SMF TAA Transceiver	R9Q44A
HPE Aruba Networking 1G SFP RJ45 T 100m Cat5e TAA Transceiver	R9Q45A
HPE BladeSystem CClass Virtual Connect 1G SFP RJ45 Transceiver	453154-B21
HPE Networking X120 1G SFP RJ45 T Transceiver	JD089B

HPE Aruba Networking Data Center Networking Solution for HPE

SFP+ Transceivers

Description	SKU
HPE Aruba Networking 10GBASE-T SFP+ RJ45 30m Cat6A Transceiver	R9F85A
HPE Aruba Networking 10G SFP+ LC SR 300m OM3 MMF Transceiver	R9F82A
HPE Aruba Networking 10G SFP+ LC LR 10km SMF Transceiver	J9151E
HPE Aruba Networking 10G SFP+ LC ER 40km SMF Transceiver	J9153D
HPE Aruba Networking 10G SFP+ LC SR 300m MMF TAA Transceiver	R9Q46A
HPE Aruba Networking 10G SFP+ LC LR 10km SMF TAA Transceiver	R9Q47A
HPE Aruba Networking 10G SFP+ to SFP+ 1m Direct Attach Copper Cable	R9F83A
HPE Aruba Networking 10G SFP+ to SFP+ 3m Direct Attach Copper Cable	R9F84A
HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 3m Direct Attach Copper Cable	487655-B21
HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 5m Direct Attach Copper Cable	537963-B21
HPE Networking X240 10G SFP+ SFP+ 5m DAC Cable	JG081C
HPE Networking X130 10G SFP+ LC SR Transceiver	JD092B
HPE 10GbE SFP+ SR Multi-mode 300m Transceiver	Q6M30A
HPE BladeSystem c-Class 10Gb SFP+ SR Transceiver	455883-B21
HPE 10Gb SFP+ Short Wave 1-pack Pull Tab Optical Transceiver	Q2P65A

SFP28 Transceivers

Description	SKU
HPE Aruba Networking 25G SFP28 LC SR 100m MMF Transceiver	R9F89A
HPE Aruba Networking 25G SFP28 LC eSR 400m MMF Transceiver	R9F90A
HPE Aruba Networking 25G SFP28 LC LR 10km SMF Transceiver	JL486A
HPE Aruba Networking 25G SFP28 to SFP28 0.65m Direct Attach Copper Cable	R9F91A
HPE Aruba Networking 25G SFP28 to SFP28 3m Direct Attach Copper Cable	R9F92A
HPE Aruba Networking 25G SFP28 to SFP28 5m Direct Attach Copper Cable	R9F93A
HPE Aruba Networking 25G SFP28 to SFP28 3m Active Optical Cable	R9F94A
HPE Aruba Networking 25G SFP28 to SFP28 7m Active Optical Cable	R9F95A
HPE Aruba Networking 25G SFP28 to SFP28 15m Active Optical Cable	R9F96A
HPE 25Gb SFP28 to SFP28 3m Direct Attach Copper Cable	844477-B21
HPE 25Gb SFP28 to SFP28 5m Direct Attach Copper Cable	844480-B21
HPE 25GbE SFP28 to SFP28 5m Smart Active Optical Cable	Q9S68A
HPE 25GbE SFP28 to SFP28 15m Smart Active Optical Cable	Q9S70A
HPE 25Gb SFP28 SR 30m Transceiver	R0R42A
HPE Networking X190 25G SFP28 LC SR 100m MM Transceiver	JL293A
HPE 25Gb SFP28 Short Wave Extended Temperature 1-pack Pull Tab Optical Transceiver	Q2P64B
HPE 25Gb SFP28 SR 100m Transceiver	845398-B21

QSFP+ Transceivers

Description	SKU
HPE Aruba Networking 40G QSFP+ LC ER4 40km SMF Transceiver	Q9G82A
HPE Aruba Networking 40G QSFP+ MPO SR4 Transceiver	R9F97A
HPE Networking X142 40G QSFP+ LC LR4 SM Transceiver	JH232A
HPE Aruba Networking 40G QSFP+ MPO eSR4 300M Transceiver	R9F98A
HPE Aruba Networking 40G QSFP+ LC Bidirectional 150m MMF 2-strand Transceiver	R9G02A
HPE Aruba Networking 40G QSFP+ to QSFP+ 1m Direct Attach Copper Cable	R9F99A

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HPE Aruba Networking 40G QSFP+ to QSFP+ 3m Direct Attach Copper Cable	R9G00A
HPE Aruba Networking 40G QSFP+ to QSFP+ 5m Direct Attach Copper Cable	R9G01A
HPE Aruba Networking 40G QSFP+ to QSFP+ 7m Active Optical Cable	R9G03A
HPE Aruba Networking 40G QSFP+ to QSFP+ 15m Active Optical Cable	R9G04A
HPE Aruba Networking 40G QSFP+ to QSFP+ 30m Active Optical Cable	R9G05A
HPE BladeSystem c-Class 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable	721064-B21
HPE Networking Comware X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable	JG330A
HPE Networking Comware X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable	JG331A
HPE BladeSystem c-Class 40G QSFP+ to QSFP+ 15m Active Optical Cable	720211-B21
HPE 40GbE QSFP+ to 4x10GbE SFP+ 5m Active Optical Cable	Q9S66A

QSFP28 Transceivers

Description	SKU
HPE Aruba Networking 100G QSFP28 LC ER4L 40km SMF Transceiver	JL743A
HPE Aruba Networking 100G QSFP28 MPO SR4 MMF Transceiver	R9F75A
HPE Aruba Networking 100G QSFP28 LC LR4 10km SMF 2-strand Transceiver	JL310A
HPE Aruba Networking 100G QSFP28 LC CWDM4 2km SMF Transceiver	R0Z30A
HPE Aruba Networking 100G QSFP28-QSFP28 3m Direct Attach Copper Cable	R9F74A
HPE Aruba Networking 100G QSFP28 to QSFP28 1m Direct Attach Copper Cable	R9F77A
HPE Aruba Networking 100G QSFP28 to QSFP28 5m Direct Attach Copper Cable	R9F78A
HPE 100Gb QSFP28 to 4x25Gb SFP28 3m Direct Attach Copper Cable	845416-B21
HPE Aruba Networking 100G QSFP28 to QSFP28 2m Active Optical Cable	R9F76A
HPE Aruba Networking 100G QSFP28 to QSFP28 7m Active Optical Cable	R9F79A
HPE Aruba Networking 100G QSFP28 to QSFP28 15m Active Optical Cable	R9F80A
HPE Aruba Networking 100G QSFP28 to QSFP28 30m Active Optical Cable	R9F81A
HPE QSFP28 to 4x25Gb SFP28 7m Active Optical Cable	845420-B21
HPE QSFP28 to 4x25Gb SFP28 15m Active Optical Cable	845424-B21
HPE Networking X240 100G QSFP28 1m DAC Cable	JL271A
HPE Networking X240 100G QSFP28 3m DAC Cable	JL272A
HPE 100Gb QSFP28 to QSFP28 3m Direct Attach Copper Cable	845406-B21
HPE 100Gb QSFP28 to QSFP28 5m Direct Attach Copper Cable	845408-B21
HPE Networking X240 100G QSFP28 5m DAC Cable	JL273A
HPE Networking X240 QSFP28 4xSFP28 5m Direct Attach Copper Cable	JL284A
HPE 100GbE QSFP28 to QSFP28 5m Active Optical Cable	Q9S71A
HPE 100GbE QSFP28 SR4 100m Transceiver	Q2F19A
HPE 100Gb QSFP28 MPO SR4 100m Transceiver	845966-B21

QSA28 Adapter

HPE QSFP28 to SFP28 Adapter	845970-B21

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Cables

Multi-Mode Cables

HPE LC to LC Multi-mode OM3 2-Fiber 0.5m 1-Pack Fiber Optic Cable	AJ833A
HPE LC to LC Multi-mode OM3 2-Fiber 1.0m 1-Pack Fiber Optic Cable	AJ834A
HPE LC to LC Multi-mode OM3 2-Fiber 2.0m 1-Pack Fiber Optic Cable	AJ835A
HPE LC to LC Multi-mode OM3 2-Fiber 5.0m 1-Pack Fiber Optic Cable	AJ836A
HPE LC to LC Multi-mode OM3 2-Fiber 15.0m 1-Pack Fiber Optic Cable	AJ837A
HPE LC to LC Multi-mode OM3 2-Fiber 30.0m 1-Pack Fiber Optic Cable	AJ838A
HPE LC to LC Multi-mode OM3 2-Fiber 50.0m 1-Pack Fiber Optic Cable	AJ839A
HPE Premier Flex LC/LC Multi-mode OM4 2 Fiber 1m Cable	QK732A
HPE Premier Flex LC/LC Multi-mode OM4 2 Fiber 2m Cable	QK733A
HPE Premier Flex LC/LC Multi-mode OM4 2 Fiber 5m Cable	QK734A
HPE Premier Flex LC/LC Multi-mode OM4 2 Fiber 15m Cable	QK735A
HPE Premier Flex LC/LC Multi-mode OM4 2 Fiber 30m Cable	QK736A
HPE Premier Flex LC/LC Multi-mode OM4 2 Fiber 50m Cable	QK737A
HPE 5m Single-Mode LC/LC Fibre Channel Cable	AK346A

MPO Cables

HPE Premier Flex MPO8 to 4xLC Multi-mode OM4 5m Fiber Cable	K2Q46A
HPE Premier Flex MPO8 to 4xLC Multi-mode OM4 15m Fiber Cable	K2Q47A
HPE Premier Flex MPO12/MPO12 Multi-mode OM4 10m Fiber Cable	QK729A
HPE Premier Flex MPO12/MPO12 Multi-mode OM4 50m Fiber Cable	QK731A
HPE Premier Flex MPO12/MPO12 Multi-mode OM4 100m Fiber Cable	H6Z30A
HPE Premier Flex MPO12/MPO12 Multi-mode OM4 1m Fiber Cable	Q1H63A
HPE Premier Flex MPO12/MPO12 Multi-mode OM4 2m Fiber Cable	Q1H64A
HPE Premier Flex MPO12/MPO12 Multi-mode OM4 5m Fiber Cable	Q1H65A
HPE Premier Flex MPO12/MPO12 Multi-mode OM4 15m Fiber Cable	Q1H66A
HPE Premier Flex MPO12/MPO12 Multi-mode OM4 30m Fiber Cable	Q1H67A
HPE Premier Flex MPO8 to 4xLC Multi-mode OM4 30m Fiber Cable	Q1H68A
HPE Premier Flex MPO8 to 4xLC Multi-mode OM4 50m Fiber Cable	Q1H69A
HPE Premier Flex MPO12/MPO12 APC Single-mode 50m Fiber Cable	R6F28A
HPE Premier Flex MPO12/MPO12 APC Single-mode 100m Fiber Cable	R6F29A
HPE Premier Flex MPO12/MPO12 APC Single-mode 300m Fiber Cable	R6F30A
HPE Premier Flex MPO12/MPO12 APC Single-mode 500m Fiber Cable	R6F31A

Switch Options

Rack Mount Kits

Description	SKU
HPE Aruba Networking X472 2-post Rack Kit	JL482C
HPE Aruba Networking 4-post Rack Kit	R9F59A

India PDU Cable

HPE Networking 2.0m C13 to C14 PDU India Power Cord	JL671A

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Accessories

Spare Items

Description	SKU
HPE Aruba Networking 8325 650W 100-240VAC Port-to-Power Airflow Power Supply Unit	R9F72A
HPE Aruba Networking 8325 650W 100-240VAC Port-to-Power Airflow Power Supply Unit PDU	R9F72A#B2B
HPE Aruba Networking 8325 650W 100-240VAC Port-to-Power Airflow Power Supply Unit PDU	R9F72A#B2C
HPE Aruba Networking 8325 650W 100-240VAC Port-to-Power Airflow Power Supply Unit 220v	R9F72A#B2E
HPE Aruba Networking 8325 650W 100-240VAC Port-to-Power Airflow Power Supply Unit NoLoc	R9F72A#AC3
HPE Aruba Networking 8325 650W 100-240VAC Power-to-Port Airflow Power Supply Unit	R9F73A
HPE Aruba Networking 8325 650W 100-240VAC Power-to-Port Airflow Power Supply Unit PDU	R9F73A#B2B
HPE Aruba Networking 8325 650W 100-240VAC Power-to-Port Airflow Power Supply Unit PDU	R9F73A#B2C
HPE Aruba Networking 8325 650W 100-240VAC Power-to-Port Airflow Power Supply Unit 220v	R9F73A#B2E
HPE Aruba Networking 8325 650W 100-240VAC Power-to-Port Airflow Power Supply Unit NoLoc	R9F73A#AC3
HPE Aruba Networking 8325 850W 48VDC Port-to-Power Airflow Power Supply Unit	S1D13A
HPE Aruba Networking 8325 850W 48VDC Power-to-Port Airflow Power Supply Unit	S1D14A
HPE Aruba Networking 8325-48Y8C Port-to-Power Airflow Fan	R9F68A
HPE Aruba Networking 8325-48Y8C Power-to-Port Airflow Fan	R9F69A
HPE Aruba Networking 8325-32C Port-to-Power Airflow Fan	R9F70A
HPE Aruba Networking 8325-32C Power-to-Port Airflow Fan	R9F71A
HPE Aruba Networking 4-post Rack Kit	R9F59A
HPE Aruba Networking RJ45 to DB9 Console Cable	R9F58A

Software

Description	SKU
NetEdit	
HPE Aruba Networking NetEdit Single Node 1-year Subscription E-STU	R9G36AAE
HPE Aruba Networking NetEdit Single Node 3-year Subscription E-STU	R9G37AAE
HPE Aruba Networking Fabric Composer	
HPE Aruba Networking Fabric Composer Device Management Service Tier 4 Switch 1y Subscription E-STU	R9G26AAE
HPE Aruba Networking Fabric Composer Device Management Service Tier 4 Switch 3y Subscription E-STU	R9G27AAE
HPE Aruba Networking Fabric Composer Device Management Service Tier 4 Switch 5y Subscription E-STU	R9G28AAE

HPE Aruba Networking Data Center Networking Solution for HPE

HPE Aruba Networking 8325-48Y8C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle (R9F64A)		
I/O ports and slots	Supports 48 ports of 1G/10G/25GbE (SFP/SFP+/SFP28) and 8 ports of 40G/100GbE (QSFP+/QSFP28) SFP+ ports (with an optional 10GBASE-T transceiver)	
Power supplies	Field-replaceable, hot-swappable, and up to 2 power supplies.	
Fans	Field-replaceable, hot-swappable, and up to 6 fans.	
Physical characteristics	**Dimensions**	(H) 4.3 cm x (W) 43.8 cm x (D) 53.6 cm (1.69" x 17.26" x 21.1")
	Weight	10 kg (22.05 lb)
Memory and processor	**CPU**	2.2GHz
	Memory, drive and Flash	16 GB RAM, 64 GB SSD, 8 GB Flash
	Packet buffer	32 MB
Performance	**Switching capacity**	6.4 Tbs
	IPv4 Host Table	120,000
	IPv6 Host Table	52,000
	IPv4 Unicast Routes	131,072
	IPv6 Unicast Routes	32,732
	MAC address table size	98,304
	IGMP Groups	4,094
	MLD Groups	4,094
	IPv4 Multicast Routes	7,000
	IPv6 Multicast Routes	7,000
Environment	**Operating temperature**	0°C to 40°C (32°F to 104°F) up to 3.0 km (10,000 ft.)
	Operating relative humidity	5% to 95% at 40°C (104°F) non-condensing
	Non-operating temperature	-40°C to 70°C (-40°F to 158°F) up to 4.6 km (15,000 ft.)
	Non-operating/storage relative humidity	5% to 95% @ 65°C (149°F)
	Max operating altitude	Up to 10,000 ft (3.048 km)
	Max non-operating altitude	Up to 15,000 ft (4.6km)
	Primary airflow	Front-to-Back or Back-to-Front
Electrical characteristics	**Frequency**	50/60 Hz
	AC voltage	100-240 volts
	Current	6.2A (low voltage) – 3.1A (high voltage)
	Power consumption*	Max: 586 W, 2000 BTU/hr Idle: 209 W, 714 BTU/hr
	Notes: *Power Consumption measured in 40°C thermal chamber considers all supported input voltages specified for each product. Idle measurement is collected with no network traffic or modules, Max measurement is collected under 100% line rate with all network ports populated under worst case power conditions	
Safety	EN/IEC 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013 EN/IEC 62368-1, 2nd. Ed. UL 62368-1, 2rd. Ed.	

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	CAN/CSA C22.2 No. 62368-1, 2rd. Ed
EMC	EN 55032:2015/CISPR 32, Class A FCC CFR 47 Part 15: 2018 Class A ICES-003 Class A VCCI Class A CNS 13438 Class A KS C 9832 Class A AS/NZS CISPR 32 Class A EN 55035, CISPR 35, KS KS C 9835
NEBs	SR-3580, Level 3, NEBS Criteria Levels GR-1089-CORE, EMC & Electrical Safety GR-63-CORE, Physical Protections ETSI EN 300 386, Class A, EMC ETSI EN 300 019-2-1, Class 1.2, Storage ETSI EN 300 019-2-2, Class 2.3, Transportation ETSI EN 300 019-2-3, Class 3.1 & 3.1E, Stationary Use at Weather Protected Locations ETSI 300 132, Power Supply Interface to Telecom Equipment, -48VDC ETSI ETS 300 753, Acoustic Noise
Lasers	EN60825-1:2014/IEC 60825-1: 2014 Class 1, Class 1 Laser Products/Laser Klasse 1
Management	SNMP RJ-45 serial USB micro USB console RJ-45 Ethernet port
Mounting and enclosure	Mounts in an EIA standard 19-inch rack or other equipment cabinet (2-post or 4-post kit ordered separately); horizontal surface mounting only

HPE Aruba Networking 8325-48Y8C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle (R9F65A)		
I/O ports and slots	Supports 48 ports of 1G/10G/25GbE (SFP/SFP+/SFP28) and 8 ports of 40G/100GbE (QSFP+/QSFP28) SFP+ ports (with an optional 10GBASE-T transceiver)	
Power supplies	Field-replaceable, hot-swappable, and up to 2 power supplies. Bundles (R9F64A, R9F65A, R9F66A, and R9F67A) include 2 power supplies.	
Fans	Field-replaceable, hot-swappable, and up to 6 fans. Bundles (R9F64A, R9F65A, R9F66A, and R9F67A) include 6 fans.	
Physical characteristics	**Dimensions**	(H) 4.3 cm x (W) 43.8 cm x (D) 53.6 cm (1.71" x 17.26" x 21.1")
	Weight	10 kg (22.05 lb)
Memory and processor	**CPU**	2.2GHz
	Memory, drive and Flash	16GB RAM, 64GB SSD, 8GB Flash Packet buffer: 32MB
Performance	**Switching capacity**	6.4Tbs
	IPv4 Host Table	120,000
	IPv6 Host Table	52,000
	IPv4 Unicast Routes	131,072

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	IPv6 Unicast Routes	32,732
	MAC address table size	98,304
	IGMP Groups	4,094
	MLD Groups	4,094
	IPv4 Multicast Routes	7,000
	IPv6 Multicast Routes	7,000
Environment	**Operating temperature**	0°C to 40°C (32°F to 104°F) up to 3.0 km (10,000 ft.)
	Operating relative humidity	5% to 95% at 40°C (104°F) non-condensing
	Non-operating temperature	-40°C to 70°C (-40°F to 158°F) up to 4.6 km (15,000 ft.)
	Non-operating/storage relative humidity	5% to 95% @ 65°C (149°F)
	Max operating altitude	Up to 10,000 ft (3.048 km)
	Max non-operating altitude	Up to 15,000 ft (4.6km)
	Primary airflow	Front-to-Back or Back-to-Front
Electrical characteristics	**Frequency**	50/60 Hz
	AC voltage	100-240 volts
	Current	6.2A (low voltage) – 3.1A (high voltage)
	Power consumption*	Max: 586 W, 2000 BTU/hr Idle: 209 W, 714 BTU/hr
	Notes: *Power Consumption measured in 40°C thermal chamber considers all supported input voltages specified for each product. Idle measurement is collected with no network traffic or modules, Max measurement is collected under 100% line rate with all network ports populated under worst case power conditions	
8325 DC Power Bundle Option	**Electric characteristics**	S1D10A 8325-48Y8C Back-to-Front DC Switch Bundle
	DC Input (nominal)	-48V
	DC input (max range)	-36V to -72V
	Maximum current	14.3A
	Power Consumption	501W
Safety	EN/IEC 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013 EN/IEC 62368-1, 2nd. Ed. UL 62368-1, 2rd. Ed. CAN/CSA C22.2 No. 62368-1, 2rd. Ed	
EMC	EN 55032:2015/CISPR 32, Class A FCC CFR 47 Part 15: 2018 Class A ICES-003 Class A VCCI Class A CNS 13438 Class A KS C 9832 Class A AS/NZS CISPR 32 Class A EN 55035, CISPR 35, KS KS C 9835	
NEBs	SR-3580, Level 3, NEBS Criteria Levels GR-1089-CORE, EMC & Electrical Safety GR-63-CORE, Physical Protections ETSI EN 300 386, Class A, EMC ETSI EN 300 019-2-1, Class 1.2, Storage ETSI EN 300 019-2-2, Class 2.3, Transportation	

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	ETSI EN 300 019-2-3, Class 3.1 & 3.1E, Stationary Use at Weather Protected Locations ETSI 300 132, Power Supply Interface to Telecom Equipment, -48VDC ETSI ETS 300 753, Acoustic Noise
Lasers	EN60825-1:2014/IEC 60825-1: 2014 Class 1 Class 1 Laser Products/Laser Klasse 1
Management	SNMP RJ-45 serial USB micro USB console RJ-45 Ethernet port
Mounting and enclosure	Mounts in an EIA standard 19-inch rack or other equipment cabinet (2-post or 4-post kit ordered separately); horizontal surface mounting only

HPE Aruba Networking 8325-32C Port-to-Power Airflow 6 Fans 2 Power Supply Units Bundle (R9F66A)		
I/O ports and slots	Supports 32 ports of 40G/100GbE (QSFP+/QSFP28)	
Power supplies	Field-replaceable, hot-swappable, and up to 2 power supplies. Bundles (R9F64A, R9F65A, R9F66A, and R9F67A) include 2 power supplies.	
Fans	Field-replaceable, hot-swappable, and up to 6 fans. Bundles (R9F64A, R9F65A, R9F66A, and R9F67A) include 6 fans.	
Physical characteristics	**Dimensions**	(H) 4.4 cm x (W) 44.3 cm x (D) 47.3 cm (1.69" x 17.26" x 20.28")
	Weight	10.9 kg (24.0 lb)
Memory and processor	**CPU**	2.2GHz
	Memory, drive and Flash	16GB RAM, 64GB SSD, 8GB Flash
		Packet buffer: 32MB
Performance	**Switching capacity**	6.4Tbs
	IPv4 Host Table	120,000
	IPv6 Host Table	52,000
	IPv4 Unicast Routes	131,072
	IPv6 Unicast Routes	32,732
	MAC address table size	98,304
	IGMP Groups	4,094
	MLD Groups	4,094
	IPv4 Multicast Routes	7,000
	IPv6 Multicast Routes	7,000
Environment	**Operating temperature**	0°C to 40°C (32°F to 104°F) up to 3.0 km (10,000 ft.)
	Operating relative humidity	5% to 95% at 40°C (104°F) non-condensing
	Non-operating temperature	-40°C to 70°C (-40°F to 158°F) up to 4.6 km (15,000 ft.)
	Non-operating/storage relative humidity	5% to 95% @ 65°C (149°F)
	Max operating altitude	Up to 10,000 ft (3.048 km)
	Max non-operating altitude	Up to 15,000 ft (4.6km)
	Primary airflow	Front-to-Back or Back-to-Front
	Frequency	50/60 Hz

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Electrical characteristics	**AC voltage**	100-240 volts
	Current	6.2A (low voltage) – 3.1A (high voltage)
	Power consumption*	Max: 618W
	Notes: *Power Consumption measured in 40°C thermal chamber considers all supported input voltages specified for each product. Idle measurement is collected with no network traffic or modules, Max measurement is collected under 100% line rate with all network ports populated under worst case power conditions	
8325 DC power bundle option	**Electric characteristics**	S1D11A 8325-32C Front-to-Back DC Switch Bundle
	DC Input (nominal)	-48V
	DC input (max range)	-36V to -72V
	Maximum current	16.4A
	Power Consumption	Max: 618 W, 2110 BTU/hr Idle: 143 W, 489 BTU/hr
Safety	EN/IEC 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013 EN/IEC 62368-1, 2nd. Ed. UL 62368-1, 2rd. Ed. CAN/CSA C22.2 No. 62368-1, 2rd. Ed	
EMC	SR-3580, Level 3, NEBS Criteria Levels GR-1089-CORE, EMC & Electrical Safety GR-63-CORE, Physical Protections ETSI EN 300 386, Class A, EMC ETSI EN 300 019-2-1, Class 1.2, Storage ETSI EN 300 019-2-2, Class 2.3, Transportation ETSI EN 300 019-2-3, Class 3.1 & 3.1E, Stationary Use at Weather Protected Locations ETSI 300 132, Power Supply Interface to Telecom Equipment, -48VDC ETSI ETS 300 753, Acoustic Noise	
NEBs	SR-3580, Level 3, NEBS Criteria Levels GR-1089-CORE, EMC & Electrical Safety GR-63-CORE, Physical Protections ETSI EN 300 386, Class A, EMC ETSI EN 300 019-2-1, Class 1.2, Storage ETSI EN 300 019-2-2, Class 2.3, Transportation ETSI EN 300 019-2-3, Class 3.1 & 3.1E, Stationary Use at Weather Protected Locations ETSI 300 132, Power Supply Interface to Telecom Equipment, -48VDC ETSI ETS 300 753, Acoustic Noise	
Lasers	EN60825-1:2014/IEC 60825-1: 2014 Class 1 Class 1 Laser Products/Laser Klasse 1	
Management	SNMP RJ-45 serial USB micro USB console RJ-45 Ethernet port	
Mounting and enclosure	Mounts in an EIA standard 19-inch rack or other equipment cabinet (2-post or 4-post kit ordered separately); horizontal surface mounting only	

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HPE Aruba Networking 8325-32C Power-to-Port Airflow 6 Fans 2 Power Supply Units Bundle (R9F67A)		
I/O ports and slots	Supports 32 ports of 40G/100GbE (QSFP+/QSFP28)	
Power supplies	Field-replaceable, hot-swappable, and up to 2 power supplies. Bundles (R9F64A, R9F65A, R9F66A, and R9F67A) include 2 power supplies.	
Fans	Field-replaceable, hot-swappable, and up to 6 fans. Bundles (R9F64A, R9F65A, R9F66A, and R9F67A) include 6 fans.	
Physical characteristics	**Dimensions**	(H) 4.4 cm x (W) 44.3 cm x (D) 47.3 cm (1.69" x 17.26" x 20.28")
	Weight	10.9 kg (24.0 lb)
Memory and processor	**CPU**	2.2GHz
	Memory, drive and Flash	16GB RAM, 64GB SSD, 8GB Flash
		Packet buffer 32MB
Performance	**Switching capacity**	6.4Tbs
	IPv4 Host Table	120,000
	IPv6 Host Table	52,000
	IPv4 Unicast Routes	131,072
	IPv6 Unicast Routes	32,732
	MAC address table size	98,304
	IGMP Groups	4,094
	MLD Groups	4,094
	IPv4 Multicast Routes	7,000
	IPv6 Multicast Routes	7,000
Environment	**Operating temperature**	0°C to 40°C (32°F to 104°F) up to 3.0 km (10,000 ft.)
	Operating relative humidity	5% to 95% at 40°C (104°F) non-condensing
	Non-operating temperature	-40°C to 70°C (-40°F to 158°F) up to 4.6 km (15,000 ft.)
	Non-operating/storage relative humidity	5% to 95% @ 65°C (149°F)
	Max operating altitude	Up to 10,000 ft (3.048 km)
	Max non-operating altitude	Up to 15,000 ft (4.6km)
	Primary airflow	Front-to-Back or Back-to-Front
Electrical characteristics	**Frequency**	50/60 Hz
	AC voltage	100-240 volts
	Current	6.2A (low voltage) – 3.1A (high voltage)
	Power consumption	Max: 618W
8325 DC Power Bundle Option	**Electric characteristics**	S1D12A 8325-32C Back to Front DC Switch Bundle
	DC Input (nominal)	-48V
	DC input (max range)	-36V to -72V
	Maximum current	16.4A
	Power Consumption	Max: 618 W, 2110 BTU/hr Idle: 143 W, 489 BTU/hr

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Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 IEC 60950-1:2005 Ed.2; Am 1:2009+A2:2013, UL 60950-1, CSA 22.2 No 60950-1, EN 60825-1:2007/IEC 60825-1:2007 Class 1
EMC	EN 55032:2012, Class A EN 55024:2010, EN 61000-3-2:2014, Class A EN 61000-3-3:2013, FCC CFR 47 Part 15:2010, Class A, VCCI Class A CNS 13438
Lasers	EN60825-1:2014/IEC 60825-1: 2014 Class 1 Class 1 Laser Products/Laser Klasse 1
Management	SNMP RJ-45 serial USB micro USB console RJ-45 Ethernet port
Mounting and enclosure	Mounts in an EIA standard 19-inch rack or other equipment cabinet (2-post or 4-post kit ordered separately); horizontal surface mounting only

Summary of Changes

Date	Version History	Action	Description of Change
15-Jun-2026	Version 48	Changed	Standard Features section was updated. New SFP+ and QSFP28 Transceivers SKUs: S6H20A, S6H21A, S6H22A, S6H24A, S6H32A S6H33A.
04-May-2026	Version 47	Changed	Configuration Information section was updated; new Transceivers SKUs were added: S6H33A and S6H32A
05-Jan-2026	Version 46	Changed	Overview, Standard Features, and Technical Specifications sections were updated.
01-Dec-2025	Version 45	Changed	Technical Specifications section was updated.
		Added	SKU added in Configuration Information section: S6X67A
07-Jul-2025	Version 44	Added	New SKU# S5U19A added in BTO rules 3 and 7, CTO rules 3 and 8, and Transceiver in Configuration Information section.
09-Jun-2025	Version 43	Changed	Version links added in Summary of Changes section.
		Added	AOS As-a-Service Software Licenses SKUs were added in Configuration Information section: S0T87AAS, S0T88AAS, S0T89AAS, S0T90AAS, S0T86AAS, S3M90AAS, S3M91AAS, S3M92AAS, S3M93AAS, S3M89AAS.
05-May-2025	Version 42	Changed	Configuration Information section was updated.
03-Mar-2025	Version 41	Changed	Configuration Information section was updated.
06-Jan-2025	Version 40	Changed	Overview, Standard Features, and Configuration Information sections were updated.
02-Dec-2024	Version 39	Changed	Overview, Standard Features, Configuration Information and summary of changes sections were updated.
07-Oct-2024	Version 38	Changed	Overview, Standard Features, and Configuration Information sections were updated.
03-Sep-2024	Version 37	Changed	Configuration Information section was updated.
08-Apr-2024	Version 36	Changed	Technical Specification section was updated.
01-Apr-2024	Version 35	Changed	Configuration Information section was updated.
04-Dec-2023	Version 34	Changed	Obsolete SKU was removed. Configuration Information section was updated. Series name was updated.
05-Sep-2023	Version 33	Changed	Configuration Information section was updated.
10-Jul-2023	Version 32	Changed	Configuration Information section was updated.
15-May-2023	Version 31	Changed	Configuration Information and HPE Aruba Networking Data Center Networking Solution for HPE sections were updated.
13-Mar-2023	Version 30	Changed	Configuration Information and HPE Aruba Networking Data Center Networking Solution for HPE sections were updated.
06-Feb-2023	Version 29	Changed	Standard Features, Configuration Information, and HPE Aruba Networking Data Center Networking Solution for HPE sections were updated.
05-Dec-2022	Version 28	Changed	Configuration Information section was updated and new SKUs were added.
07-Nov-2022	Version 27	Changed	Standard Features, Configuration Information and HPE Aruba Networking Data Center Networking Solution for HPE sections were updated.
03-Oct-2022	Version 26	Changed	Configuration Information and HPE Aruba Networking Data Center Networking Solution for HPE sections were updated.

Summary of Changes

01-Aug-2022	Version 25	Changed	Configuration Information section was updated.
06-Jun-2022	Version 24	Changed	Standard Features, Configuration Information and HPE Aruba Networking Data Center Networking Solution for HPE sections were updated.
02-May-2022	Version 23	Changed	Configuration Information and HPE Aruba Networking Data Center Networking Solution for HPE sections were updated.
07-Mar-2022	Version 22	Changed	Configuration Information and Technical Specifications sections were updated. New SKUs were added in Configuration Information section.
06-Dec-2021	Version 21	Changed	New HPE Aruba Networking Data Center Networking Solution for HPE section added to QuickSpecs.
07-Sep-2021	Version 20	Changed	Overview, Standard Features, and Configuration Information sections were updated.
07-Jun-2021	Version 19	Changed	Configuration Information section was updated.
08-Mar-2021	Version 18	Changed	SKUs added in Configuration Information.
07-Dec-2020	Version 17	Changed	Standard Features, Configuration Information and Technical Specifications sections were updated.
05-Oct-2020	Version 16	Changed	Configuration Information section was updated.
08-Sep-2020	Version 15	Changed	Configuration Information section was updated.
10-Aug-2020	Version 14	Changed	Standard Features and Configuration Information sections were updated.
06-Jul-2020	Version 13	Changed	Configuration Information section was updated.
06-Apr-2020	Version 12	Changed	Configuration Information was updated.
06-Jan-2020	Version 11	Changed	Configuration Information and Related Options sections were updated.
04-Nov-2019	Version 10	Changed	Overview and Standard Features sections were updated
19-Aug-2019	Version 9	Changed	Technical Specification section was updated.
01-Jul-2019	Version 8	Changed	BTO Transceivers SKUs were removed from Configuration Information. Section. SKU description updates.
17-Jun-2019	Version 7	Changed	Transceivers SKUs were removed in Related Options Section. SKU descriptions were updated.
06-May-2019	Version 6	Changed	Overview, Standard Features, Technical Specification and Accessories sections were updated Obsolete SKUs were removed SKU added: J8177D
18-Feb-2019	Version 5	Changed	Technical Specifications updated
04-Feb-2019	Version 4	Added	SKU added: J9151E
10-Dec-2018	Version 3	Changed	Overview and Technical Specifications were revised
05-Dec-2018	Version 2	Changed	Transceivers updated on the Accessories section
03-Dec-2018	Version 1	New	New QuickSpecs

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