RETIRED: This document has been officially retired, and the base products listed herein are now considered obsolete and are no longer available for sale. Consequently, the information contained within may no longer be current. This document is provided exclusively for reference and informational purposes.

Overview

HPE Aruba Networking 7200 Series Mobility Controllers

Improved network performance, visibility, and control

HPE Aruba Networking 7200 Series Mobility Controllers enhance WLAN performance for high-performance, high-density enterprise requirements. The 7200 Series centralizes all control functionality for individual HPE Aruba Networking access points (APs) to improve AP utilization, security, and client roaming. Ideally suited for large campuses and high-density environments, the 7200 Series can be deployed using Zero Touch Provisioning (ZTP) to simplify deployment.



HPE Aruba Networking 7200 Series Mobility Controllers



Front: 7210/7220/7240



Front: 7205



Back: 7210/7220/7240



Back: 7205



Front: 7280



Back: 7280

Key Features

- Support for new Wi-Fi 6 (802.11ax), WPA3 and Enhanced Open – and existing standards
- Patented ClientMatch technology can now group together Wi-Fi 6-capable devices
- Dynamic segmentation enforces wired and wireless access policies to simplify and secure the network
- Application awareness for 3,000+ applications without additional hardware
- Built in AI-powered wireless/RF optimization
- Unifies policy enforcement for WLAN, LAN and WAN traffic

Standard Features

Simple and Secure Access

The 7000 Series serves a key role in dynamic segmentation, providing HPE Aruba Networking's Policy Enforcement Firewall (PEF) to enforce policies based on user role, device type, application, and network location - and simplifying and securing wired and wireless network access. Traffic is encapsulated in GRE tunnels for complete encryption all the way from an AP or switch. This feature can be enabled with the HPE ArubaOS PEF license and eliminates the need to manually configure SSIDs, VLANs or ACLs for each new client on the network.

High Performance and Reliability

Each 7000 Series provides connectivity for up to 4,096 concurrent users or client devices, 64 access points and include up to 24 Ethernet ports and multiple WAN uplinks. With 8Gbps of maximum throughput to perform Policy Enforcement Firewall (PEF) features, the 7000 Series delvers plenty of horsepower for the most demanding enterprise environments. These capabilities are over 40 times the client density and 10 times the maximum throughput of typical network appliances.

For enhanced resiliency and availability, the 7200 Series can be clustered together in a network managed by HPE Aruba Networking Mobility conductor.

24/7 Mission-critical Networking

HPE Aruba Networking's unique patented wireless technologies are based on AI-powered machine learning algorithms and integrated directly into HPE ArubaOS. Adaptive Radio Management, AirMatch and ClientMatch (now enhanced with Wi-Fi 6 grouping) provide RF optimization techniques to improve user experience and network health based on changing environmental conditions, correct for noisy or congested RF and resolve sticky client issues during user roaming. RFProtect provides advanced spectrum analysis and wireless intrusion protection (WIPS/WIDS) to help identify and mitigate Wi-Fi and non-Wi-Fi sources of interference, as well as containment of potential security risks. Learn more about HPE Aruba Networking's software features on the HPE ArubaOS datasheet.

When deployed with HPE Aruba Networking Mobility Conductor, the 7000 Series can be joined to a controller cluster to increase scale, improve reliability using High Availability (HA), adopt configurations seamlessly based on hierarchy, support Live Upgrades to reduce maintenance windows, and share licenses from a global licensing pool. The 7000 Series also serves a key policy enforcement role in HPE Aruba Networking's 360 Secure Fabric. Aruba AirWave provides real-time monitoring, reporting and Wi-Fi planning and visibility services.

SD-WAN Deployment

For organizations that are now managing multiple WAN connections, the 7000 Series can be connected to HPE Aruba Networking's SD-WAN fabric right out of the box. SD-WAN is a rich WAN management solutions that is used to simplify management of traffic entering and exiting branch sites. Please refer to the SD-WAN datasheet for more information.

Microsoft Features

HPE Aruba Networking's integration with Microsoft enables unique application intelligence that detects Microsoft 365, Teams and Skype for Business traffic and then prioritizes them over less critical applications. Through management interfaces on HPE ArubaOS, HPE Aruba Networking Central, and Aruba AirWave, IT can visualize call quality metrics such as MOS, latency, jitter, and packet loss for additional insights.

Mobility Controller Deployment

The HPE Aruba Networking 7200 Series can be deployed using HPE Aruba Networking Mobility Controller software licenses in a campus or branch access layer deployment. In this mode, the controllers cannot be simultaneously used for SD-WAN. In Mobility Controller mode, the 7200 Series can also participate in HPE Aruba Networking's dynamic segmentation framework, with, at minimum, an access point (AP) license and a Policy Enforcement Firewall (PEF) license for each HPE Aruba Networking access point and switch in the network.

SD-WAN Deployment

Refer to the SD-WAN use cases guide for more information on how the 7200 Series can be used. Each 7200 Series requires an HPE Aruba Networking Central software subscription license to enable SD-WAN software features and the use of cloud-based management. The SD-WAN license also enables the use of the entire bandwidth capacity stated in the data sheet for each gateway.

Standard Features

In high availability deployments, each primary and backup appliances need to have a separate subscription license applied.

Each SD-WAN subscription includes software support and TAC/phone support. For SD-WAN hardware replacement support, order hardware-only support SKUs through your HPE Aruba Networking value-added reseller (VAR).

Enhanced Capabilities

- **Wi-Fi 6 (802.11ax) enhanced with ClientMatch** - The latest Wi-Fi standard brings enhanced performance, speed, and efficiency with key features such as OFDMA, 1024-QAM, and bidirectional MU-MIMO. Combined with HPE Aruba Networking's patented ClientMatch technology, 802.11ax clients will now be grouped together to optimize the multi-user experience.
- **Enhanced wireless security** - Support for WPA3 brings stronger encryption and authentication methods, while Enhanced Open brings automatic security to open networks. New WPA2-MPSK feature enables simpler passkey management for WPA2 devices – should the Wi-Fi password on one device need to be changed, no additional key changes are needed for other devices on the network.
- **Dynamic Segmentation** - To simplify and better secure wired and wireless network access, the 7000 Series can enforce per-user and device roles across wired and wireless networks by integrating with ClearPass Policy Manager. This ensures consistent policy regardless of user role and device type, and eliminates the need to configure unnecessary SSIDs, ACLs, VLANs and subnets at every node in the network.
- **Policy Enforcement Firewall** - Enabled by the PEF license, wired and wireless user and application traffic can be tunneled to a stateful firewall on the 7000 Series through GRE tunnels for inspection. Policies are then enforced based on user role, device type, application and location - as described in Dynamic Segmentation.
- **Application visibility and control** - As part of the PEF license, application visibility with Deep Packet Inspection (DPI) technology evaluates and optimizes performance and Quality of Service policies for over 3,000 applications - even for encrypted or hidden traffic.
- **Web content filtering -** WebCC is an add-on subscription-based feature that classifies websites by content category and rates them by reputation. It can also block, apply QoS, bandwidth-limit, mirror, and log web content.
- **Unified Communications and Collaboration (UCC)** - Visualize and troubleshoot networks based on call quality metrics such as MOS, latency, jitter and packet loss. Supported applications include: Teams, Skype for Business®, Wi-Fi Calling, Facetime, SIP, Jabber, Spark and more.
- **Zero Touch Provisioning** - The 7000 Series can be factory-shipped and deployed onsite with cloud-based Aruba Activate. For network-specific requirements, settings can be applied based on hierarchical configuration.
- **Integrated VPN services -** With support for IPSec/SSL VPNs, HPE Aruba Networking remote APs (RAPs) and HPE Aruba Networking VIA VPN users can establish encrypted sessions without any additional hardware required.
- **Third-party security integration -** For advanced malware or antivirus protection, the 7000 Series can assume the role of an on-premises agent of centrally-hosted firewalls such as those provided by Palo Alto Networks and Check Point Software. Dedicated firewall appliances are no longer needed at each branch.

Service and Warranty Information

- Hardware: 1 year parts/ labor, can be extended with support contract
- Software: 90 days, can be extended with support contract

Configuration Information

BTO Models

AC Powered Controllers

7210

Rule #	Description	SKU
1, 6	Aruba 7210 (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller • Aruba 7210 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. Restricted Regulatory Domain. • These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States, Israel or Japan • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW743A
2, 6	Aruba 7210 (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller • Aruba 7210 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. US regulatory domain (for deployments in USA only). • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW744A
3, 6	Aruba 7210 (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller • Aruba 7210 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. Restricted regulatory domain (for deployments in Japan only). • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW749A
4, 6	Aruba 7210 (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller • Aruba 7210 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. Restricted regulatory domain (for deployments in Israel only). • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW747A
5, 6	Aruba 7210 (EG) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller • Aruba 7210 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. Restricted regulatory domain (for deployments in Egypt only). • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JY853A

Configuration Information

7210 K12

Rule #	Description	SKU
1, 6	Aruba 7210-K12-128-RW 7210 K-12 (RW) Mobility Controller w/128 AP License Bundle • Aruba 7210-K12-128-RW 7210 K-12 (RW) Mobility Controller w/128 AP License Bundle, 2x 10GBASE-X (SFP+), Unrestricted Regulatory Domain. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States, Israel or Japan • Combo Ports min=0 \ max=4 10/100/1000 or SFP Transceivers • SFP/SFP+ ports min=0 \ max=2 SFP/SFP+ Transceivers	JW779A
2, 6	Aruba 7210-K12-128-US 7210 K-12 (US) Mobility Controller w/128 AP License Bundle • Aruba 7210-K12-128-US 7210 K-12 (US) Mobility Controller w/128 AP License Bundle, 2x 10GBASE-X (SFP+), Restricted Regulatory Domain. For deployment in the United States only. • Combo Ports min=0 \ max=4 10/100/1000 or SFP Transceivers • SFP/SFP+ ports min=0 \ max=2 SFP/SFP+ Transceivers	JW780A
1, 6	Aruba 7210-K12-256-RW 7210 K-12 (RW) Mobility Controller w/256 AP License Bundle • Aruba 7210-K12-256-RW 7210 K-12 (RW) Mobility Controller w/256 AP License Bundle, 2x 10GBASE-X (SFP+), Unrestricted Regulatory Domain. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States, Israel or Japan • Combo Ports min=0 \ max=4 10/100/1000 or SFP Transceivers • SFP/SFP+ ports min=0 \ max=2 SFP/SFP+ Transceivers	JW781A
2, 6	Aruba 7210-K12-256-US 7210 K-12 (US) Mobility Controller w/256 AP License Bundle • Aruba 7210-K12-256-US 7210 K-12 (US) Mobility Controller w/256 AP License Bundle, 2x 10GBASE-X (SFP+), Restricted Regulatory Domain. For deployment in the United States only. • Combo Ports min=0 \ max=4 10/100/1000 or SFP Transceivers • SFP/SFP+ ports min=0 \ max=2 SFP/SFP+ Transceivers	JW782A

7220

Rule #	Description	SKU
1, 6	Aruba 7220 (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller • Aruba 7220 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. Restricted Regulatory Domain. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States, Israel or Japan. • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW751A
2, 6	Aruba 7220 (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller • Aruba 7220 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. US regulatory domain (for deployments in USA only). • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW752A
3, 6	Aruba 7220 (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller • Aruba 7220 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. Restricted regulatory domain (for deployments in Japan only). • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW757A

Configuration Information

4, 6	Aruba 7220 (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller • Aruba 7220 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. Restricted regulatory domain (for deployments in Israel only). • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW755A

7240XM

Rule #	Description	SKU
1, 6	Aruba 7240XM (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller • Aruba 7240XM Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. Restricted Regulatory Domain. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States, Israel or Japan. • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW783A
2, 6	Aruba 7240XM (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller • Aruba 7240XM Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. US regulatory domain (for deployments in USA only). • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW784A
3, 6	Aruba 7240XM (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller • Aruba 7240XM Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. Restricted regulatory domain (for deployments in Japan only). • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW785A
4, 6	Aruba 7240XM (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller • Aruba 7240XM Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. Restricted regulatory domain (for deployments in Israel only). • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW786A
5, 6	Aruba 7240XM (EG) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller • Aruba 7240XM Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. Restricted regulatory domain (for deployments in Egypt only). • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JY854A

Configuration Information

7280

Rule #	Description	SKU
1, 6	Aruba 7280 (RW) 2x40GbE and 8x10GBASE-X (SFP+) Controller • Aruba 7280 Mobility Controller with 8 x 10GBase-x (SFP/SFP+) and 2 x 40GbE QSFP+ ports. Includes one 550W AC power supply. Restricted Regulatory Domain. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States, Israel, Egypt or Japan • SFP/SFP+ ports min=0 \ max=8 SFP/SFP+ Transceivers • QSFP+ ports min=0 \ max=2 Transceivers	JX911A
2, 6	Aruba 7280 (US) 2x40GbE and 8x10GBASE-X (SFP+) Controller • Aruba 7280 Mobility Controller with 8 x 10GBase-x (SFP/SFP+) and 2 x 40GbE QSFP+ ports. Includes one 550W AC power supply. Restricted Regulatory Domain. US regulatory domain (for deployments in USA only). • SFP/SFP+ ports min=0 \ max=8 SFP/SFP+ Transceivers • QSFP+ ports min=0 \ max=2 Transceivers	JX910A
3, 6	Aruba 7280 (JP) 2x40GbE and 8x10GBASE-X (SFP+) Controller • Aruba 7280 Mobility Controller with 8 x 10GBase-x (SFP/SFP+) and 2 x 40GbE QSFP+ ports. Includes one 550W AC power supply. Restricted Regulatory Domain. Japan regulatory domain (for deployments in Japan only). • SFP/SFP+ ports min=0 \ max=8 SFP/SFP+ Transceivers • QSFP+ ports min=0 \ max=2 Transceivers	JX912A
4, 6	Aruba 7280 (IL) 2x40GbE and 8x10GBASE-X (SFP+) Controller • Aruba 7280 Mobility Controller with 8 x 10GBase-x (SFP/SFP+) and 2 x 40GbE QSFP+ ports. Includes one 550W AC power supply. Restricted Regulatory Domain. Israel regulatory domain (for deployments in Israel only). • SFP/SFP+ ports min=0 \ max=8 SFP/SFP+ Transceivers • QSFP+ ports min=0 \ max=2 Transceivers	JX913A
5, 6	Aruba 7280 (EG) 2x40GbE and 8x10GBASE-X (SFP+) Controller • Aruba 7280 Mobility Controller with 8 x 10GBase-x (SFP/SFP+) and 2 x 40GbE QSFP+ ports. Includes one 550W AC power supply. Restricted Regulatory Domain. Egypt regulatory domain (for deployments in Egypt only). • SFP/SFP+ ports min=0 \ max=8 SFP/SFP+ Transceivers • QSFP+ ports min=0 \ max=2 Transceivers	JZ077A

DC Powered Controllers

7210 DC

Rule #	Description	SKU
1	Aruba 7210DC (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr • Aruba 7220 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W DC (-48V DC) power supply. Restricted Regulatory Domain. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States, Israel or Japan • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW645A

Configuration Information

2	Aruba 7210DC (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr • Aruba 7210 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W DC (-48V DC) power supply. US regulatory domain (for deployments in USA only). • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW646A
3	Aruba 7210DC (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr • Aruba 7210 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W DC (-48V DC) power supply. Restricted regulatory domain (for deployments in Japan only). • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW648A
4	Aruba 7210DC (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr • Aruba 7210 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W DC (-48V DC) power supply. Restricted regulatory domain (for deployments in Israel only). • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW647A

7220 DC

Rule #	Description	SKU
1	Aruba 7220DC (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr • Aruba 7220 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W DC (-48V DC) power supply. Restricted Regulatory Domain. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States, Israel or Japan. • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW649A
2	Aruba 7220DC (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr • Aruba 7220 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W DC (-48V DC) power supply. US regulatory domain (for deployments in USA only). • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW650A
3	Aruba 7220DC (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr • Aruba 7220 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W DC (-48V DC) power supply. Restricted regulatory domain (for deployments in Japan only). • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW652A
4	Aruba 7220DC (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr	JW651A

Configuration Information

- Aruba 7220 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W DC (-48V DC) power supply. Restricted regulatory domain (for deployments in Israel only).
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

7240XM DC

Rule #	Description	SKU
1	Aruba 7240XMDC (RW) 16GB DRAM 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr • Aruba 7240XM Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W DC (-48V DC) power supply. Restricted Regulatory Domain. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States, Israel or Japan. • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW674A
2	Aruba 7240XMDC (US) 16GB DRAM 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr • Aruba 7240XM Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W DC (-48V DC) power supply. US regulatory domain (for deployments in USA only). • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW675A
3	Aruba 7240XMDC (JP) 16GB DRAM 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr • Aruba 7240XM Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W DC (-48V DC) power supply. Restricted regulatory domain (for deployments in Japan only). • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW676A
4	Aruba 7240XMDC (IL) 16GB DRAM 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr • Aruba 7240XM Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W DC (-48V DC) power supply. Restricted regulatory domain (for deployments in Israel only). • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW677A
5	Aruba 7240XMDC (EG) 16GB DRAM 4p 10GBase-X/SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr • Aruba 7240XM Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W DC (-48V DC) power supply. US regulatory domain (for deployments in Egypt only). • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	R8W28A

Configuration Information

TAA Controllers

7210 TAA

Rule #	Description	SKU
6	Aruba 7210 (RW) TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller • Aruba 7210, 4x 10GBase-X (SFP+), 1x 350W AC PS, Unrestricted Regulatory Domain. FIPS & TAA Compliant. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States, Israel or Japan. • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW745A
2, 6	Aruba 7210 (US) TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller • Aruba 7210, 4x 10GBase-X (SFP+), 1x 350W AC PS, Restricted Regulatory Domain - US, FIPS & TAA Compliant • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW746A
3, 6	Aruba 7210 (JP) TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller • Aruba 7210, 4x 10GBase-X (SFP+), 1x 350W AC PS, Restricted Regulatory Domain - JP FIPS & TAA Compliant • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW750A
4, 6	Aruba 7210 (IL) TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller • Aruba 7210, 4x 10GBase-X (SFP+), 1x 350W AC PS, Restricted Regulatory Domain - IL FIPS & TAA Compliant • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW748A

7220 TAA

Rule #	Description	SKU
6	Aruba 7220 (RW) TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller • Aruba 7220, 4x 10GBase-X (SFP+), 1x 350W AC PS, Unrestricted Regulatory Domain. FIPS & TAA Compliant. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States, Israel or Japan. • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW753A
2, 6	Aruba 7220 (US) TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller • Aruba 7220, 4x 10GBase-X (SFP+), 1x 350W AC PS, Restricted Regulatory Domain - US, FIPS & TAA Compliant • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW754A
3, 6	Aruba 7220 (JP) TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller • Aruba 7220, 4x 10GBase-X (SFP+), 1x 350W AC PS, Restricted Regulatory Domain - JP FIPS & TAA Compliant • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW758A
4, 6	Aruba 7220 (IL) TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller • Aruba 7220, 4x 10GBase-X (SFP+), 1x 350W AC PS, Restricted Regulatory Domain - IL FIPS & TAA Compliant • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW756A

Configuration Information

7240XM TAA

Rule #	Description	SKU
6	HPE Aruba Networking 7240XM (RW) 16G DRAM 4p 10GBase-X SFP+ 2p Dual Per 10/100/1000BASE-T/SFP Cntrlr • Aruba 7240XM, 4x 10GBase-X (SFP+), 1x 350W AC PS, Unrestricted Regulatory Domain. FIPS & TAA Compliant. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States, Israel or Japan. • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW829A
2, 6	HPE Aruba Networking 7240XM (US) 16G DRAM 4p 10GBase-X SFP+ 2p Dual Per 10/100/1000BASE-T/SFP Cntrlr • Aruba 7240XM, 4x 10GBase-X (SFP+), 1x 350W AC PS, Restricted Regulatory Domain - US, FIPS & TAA Compliant • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW830A
3, 6	HPE Aruba Networking 7240XM (JP) 16G DRAM 4p 10GBase-X SFP+ 2p Dual Per 10/100/1000BASE-T/SFP Cntrlr • Aruba 7240XM, 4x 10GBase-X (SFP+), 1x 350W AC PS, Restricted Regulatory Domain - JP FIPS & TAA Compliant • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW831A
4, 6	HPE Aruba Networking 7240XM (IL) 16G DRAM 4p 10GBase-X SFP+ 2p Dual Per 10/100/1000BASE-T/SFP Cntrlr • Aruba 7240XM, 4x 10GBase-X (SFP+), 1x 350W AC PS, Restricted Regulatory Domain - IL FIPS & TAA Compliant • Combo Ports min=0 \ max=2 SFP Transceivers • SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers	JW832A

7280 TAA

Rule #	Description	SKU
1, 6	Aruba 7280 (RW) TAA-compliant 2x40GbE and 8x10GBASE-X (SFP+) Controller • Aruba 7280 Mobility Controller with 8 x 10GBase-x (SFP/SFP+) and 2 x 40GbE QSFP+ ports. FIPS & TAA Compliant. Includes one 550W AC power supply. Restricted Regulatory Domain. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States, Israel, Egypt or Japan • SFP/SFP+ ports min=0 \ max=8 SFP/SFP+ Transceivers • QSFP+ ports min=0 \ max=2 Transceivers	JX915A
2, 6	Aruba 7280 (US) TAA-compliant 2x40GbE and 8x10GBASE-X (SFP+) Controller • Aruba 7280 Mobility Controller with 8 x 10GBase-x (SFP/SFP+) and 2 x 40GbE QSFP+ ports. FIPS & TAA Compliant. Includes one 550W AC power supply. US regulatory domain (for deployments in USA only). • SFP/SFP+ ports min=0 \ max=8 SFP/SFP+ Transceivers • QSFP+ ports min=0 \ max=2 Transceivers	JX914A
3, 6	Aruba 7280 (JP) TAA-compliant 2x40GbE and 8x10GBASE-X (SFP+) Controller • Aruba 7280 Mobility Controller with 8 x 10GBase-x (SFP/SFP+) and 2 x 40GbE QSFP+ ports. FIPS & TAA Compliant. Includes one 550W AC power supply. Japan regulatory domain (for deployments in Japan only). • SFP/SFP+ ports min=0 \ max=8 SFP/SFP+ Transceivers • QSFP+ ports min=0 \ max=2 Transceivers	JX916A
4, 6	Aruba 7280 (IL) TAA-compliant 2x40GbE and 8x10GBASE-X (SFP+) Controller	JX917A

Configuration Information

- Aruba 7280 Mobility Controller with 8 x 10GBase-x (SFP/SFP+) and 2 x 40GbE QSFP+ ports. FIPS & TAA Compliant. Includes one 550W AC power supply. Israel regulatory domain (for deployments in Israel only).
- SFP/SFP+ ports min=0 \ max=8 SFP/SFP+ Transceivers
- QSFP+ ports min=0 \ max=2 Transceivers

5, 6 Aruba 7280 (EG) TAA-compliant 2x40GbE and 8x10GBASE-X (SFP+) Controller JZ078A

- Aruba 7280 Mobility Controller with 8 x 10GBase-x (SFP/SFP+) and 2 x 40GbE QSFP+ ports. FIPS & TAA Compliant. Includes one 550W AC power supply. Egypt regulatory domain (for deployments in Egypt only).
- SFP/SFP+ ports min=0 \ max=8 SFP/SFP+ Transceivers
- QSFP+ ports min=0 \ max=2 Transceivers

Memory Upgrades

NOTES: 7240XM Memory Upgrade

Rule #	Description	SKU
1, 7, 8	Aruba 7240XM (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade Aruba 7240XM (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade	JW833A
2, 7, 8	Aruba 7240XM (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade Aruba 7240XM (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade	JW834A
3, 7, 8	Aruba 7240XM (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade Aruba 7240XM (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade	JW835A
4, 7, 8	Aruba 7240XM (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade Aruba 7240XM (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade	JW836A

7240XM TAA Memory Upgrade

Rule #	Description	SKU
1, 7, 8	Aruba 7240XM (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade Aruba 7240XM (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade	JW837A
2, 7, 8	Aruba 7240XM (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade Aruba 7240XM (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade	JW838A
3, 7, 8	Aruba 7240XM (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade Aruba 7240XM (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade	JW839A
4, 7, 8	Aruba 7240XM (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade Aruba 7240XM (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade	JW840A

7240XMDC Memory Upgrade

Rule #	Description	SKU
1, 7, 8	Aruba 7240XMDC (RW) 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr 16GB Upgrade Aruba 7240XMDC (RW) 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr 16GB Upgrade	JW841A
2, 7, 8	Aruba 7240XMDC (US) 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr 16GB Upgrade Aruba 7240XMDC (US) 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr 16GB Upgrade	JW842A

Configuration Information

3, 7, 8	Aruba 7240XMDC (JP) 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr 16GB Upgrade Aruba 7240XMDC (JP) 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr 16GB Upgrade	JW843A
4, 7, 8	Aruba 7240XMDC (IL) 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr 16GB Upgrade Aruba 7240XMDC (IL) 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr 16GB Upgrade	JW844A

Configuration Rules

Rule #	Description
1	Available everywhere except, US, Israel and Japan.
2	Available in US only
3	Available in Japan only
4	Available in Israel only
5	Available in Egypt only
6	Bring in (Min 1 // Max 1) Localized power cord based on the HPE Aruba Networking Localization Menu
7	Memory Upgrades should not be further configurable with any controller options.
8	OCA Blue **Notes:** For the 7240XM upgrade SKUs, the customer can order the upgrade SKU, get shipped the 7240XM and will have 60 days from the time the order is placed to return the old 7240 SKU. At the end of 60 days, the customer will be invoiced for the differential amount and will be responsible for the invoice in 30 days.
9	Available in Russia only
Notes:	OCA Only Model Selection Form - HPE Aruba Networking > WAN Gateway > SD-WAN > Headend/VPNC: SD-WAN 7200 Series Headend Gateway/VPNC

Transceivers

Transceivers

Std (Min 0 // max 99) User Selection (min 0 // max 99)

Rule #	Description	SKU
3, 4	HPE Aruba Networking 1G SFP LC LX 10km SMF Transceiver	J4859D
3, 4	HPE Aruba Networking 1G SFP LC SX 500m OM2 MMF Transceiver	J4858D
3, 4	HPE Aruba Networking 1G SFP LC LH 70km SMF Transceiver	J4860D
3, 4	HPE Aruba Networking 1G SFP RJ45 T 100m Cat5e Transceiver	J8177D
3, 5	HPE Aruba Networking SFP-10GE-ZR 10GBASE-ZR SFP+ 1310nm LC Connector Pluggable 10GbE Transceiver	JW148A
3, 5, 7	HPE Aruba Networking 10G SFP+ LC SR 300m OM3 MMF Transceiver	J9150D
3, 5, 7	HPE Aruba Networking 10G SFP+ LC LRM 220m OM2 MMF Transceiver	J9152D
3, 5, 7	HPE Aruba Networking 10G SFP+ LC ER 40km SMF Transceiver	J9153D
3, 5, 7	HPE Aruba Networking 10G SFP+ to SFP+ 1m Direct Attach Copper Cable	J9281D
3, 5, 7	HPE Aruba Networking 10G SFP+ to SFP+ 3m Direct Attach Copper Cable	J9283D
3, 5, 7	HPE Aruba Networking 10G SFP+ to SFP+ 7m Direct Attach Copper Cable	J9285D
6, 9	HPE Networking X142 40G QSFP+ MPO SR4 Transceiver	JH231A
6, 9	HPE Networking X142 40G QSFP+ LC LR4 SM Transceiver	JH232A
6, 9	HPE Networking X142 40G QSFP+ MPO eSR4 300M Transceiver	JH233A
6, 9	HPE Networking X242 40G QSFP+ to QSFP+ 1m Direct Attach Copper Cable	JH234A
6, 9	HPE Networking X242 40G QSFP+ to QSFP+ 3m Direct Attach Copper Cable	JH235A
6, 9	HPE Networking X242 40G QSFP+ to QSFP+ 5m Direct Attach Copper Cable	JH236A
6, 9	HPE Networking Comware X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable	JG329A
6, 9	HPE Networking Comware X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable	JG331A

Configuration Information

6, 9	HPE Aruba Networking 40G QSFP+ LC Bidirectional 150m MMF 2-strand Transceiver	JL308A

Configuration Rules

Rule #	Description
3	Supported on the 7210, 7220, 7240, 7240XM Models (min0 // max 4)
4	Supported on the 7210, 7220, 7240, 7240XM Combo Ports (min 0 // max 2)
5	Supported on the 7280 Models (min 0 // max 8)
6	Supported on the 7280 Models (min 0 // max 2)
7	OCA Display **Notes:** Default minimum HPE ArubaOS software version is 6.5.3.0 and 8.1.0.0
8	OCA Display **Notes:** Minimum HPE ArubaOS software version is 6.5.4.7 and 8.4.0.0
9	OCA Display **Notes:** Minimum HPE ArubaOS software version is 6.5.4.7 and 8.4.0.0 when installed into a 7280 Controller.

Accessories

Controller Mount Kits

Std (Min 0 // max 99) User Selection (min 0 // max 99)

Rule #	Description	SKU
1	HPE Aruba Networking SPR-RK3-MNT 7205 / 7024 / S2500-xx / S1500-24P/48P Spare Front Rack Mount	JW082A
2	HPE Aruba Networking SPR-RK-MNT 7200 / S3500 / S1500-24/48 / S2500 Spare Front or Mid Mount	JW107A
2	HPE Aruba Networking SPR-4RK-MNT 7200 Series / S3500 Spare Four-Post 19" Rack-Mount Kit	JW108A
2	HPE Aruba Networking SPR-WL-MNT 7200 Series or S3500 Wall Mount Kit	JW109A

Configuration Rules

Rule #	Description
1	Only supported on the 7280 Models
2	Only supported on the 7210, 7220, 7240, 7240XM Models

Accessories

Std (Min 0 // max 99) User Selection (min 0 // max 99)

Rule #	Description	SKU
2	HPE Aruba Networking PSU-PWBLNK 7200 Series and S3500 Power Supply Spare Faceplate Blank	JW110A
2	HPE Aruba Networking HW-7200-FT 7200 Series Fan Tray	JW111A
2	HPE Aruba Networking SPR-ESBLNK 7200 Series Expansion Slot Blank Panel	JW112A
3	HPE Aruba Networking HW-7280-FT 7280 Series Fan Tray	JZ013A

Configuration Rules

Rule #	Description
2	Only supported on the 7210, 7220, 7240, 7240XM Models
3	Only supported on the 7280 Models

Power Options

For 7210, 7220, 7240, 7240XM, 7280 Std (Min 0 // max 1) User Selection (min 0 // max 1)

Rule #	Description	SKU
1, 2	Aruba PSU-350-AC 7200 Series 350W AC Power Supply	JW657A
Notes:	350W AC Power Supply. May be used as a redundant power supply or field-replaceable spare for 7200 Series, S3500-24T, S3500-48T and S3500-24F. Power cord not included- order country-specific (PC-AC-xx) power cord below.	
1, 4	HPE Aruba Networking PSU-550-AC 550W AC Power Supply	JZ012A

Configuration Information

3	HPE Aruba Networking PSU-350-DC 7200 Series Mobility Controllers 350W DC (-48V DC) Power Supply	JW658A
Notes:	350W DC (-48V DC) Power Supply. May be used as a redundant power supply or field-replaceable spare for 7200 Series Mobility Controllers.	
	Configuration Rules	
Rule #	**Description**	
1	Bring in (Min 1 // Max 1) Localized power cord based on the HPE Aruba Networking Localization Menu	
2	Only allowed on AC models.	
3	Only allowed on DC models.	
4	Only supported on the 7280 Models	

Software

Licenses

Std (Min 0 // max 1) User Selection (min 1 // max 1)

Rule #	Description	SKU
	HPE Aruba Networking 92/72xx SD-Branch Gateway Foundation 1-year Subscription E-STU	JZ195AAE
	HPE Aruba Networking 92/72xx SD-Branch Gateway Foundation 3-year Subscription E-STU	JZ196AAE
	HPE Aruba Networking 92/72xx Central Gateway Foundation 5-year Subscription E-STU	JZ197AAE
	HPE Aruba Networking 92/72xx SD-Branch Gateway Foundation 7-year Subscription E-STU	R0G60AAE
	HPE Aruba Networking 92/72xx SD-Branch Gateway Foundation 10-year Subscription E-STU	R0G61AAE
	HPE Aruba Networking 92/72xx SD-Branch Gateway Advanced 1-year Subscription E-STU	JZ198AAE
	HPE Aruba Networking 92/72xx Central Gateway Advanced 3-year Subscription E-STU	JZ199AAE
	HPE Aruba Networking 92/72xx SD-Branch Gateway Advanced 5-year Subscription E-STU	JZ200AAE
	HPE Aruba Networking 92/72xx SD-Branch Gateway Advanced 7-year Subscription E-STU	R0G62AAE
	HPE Aruba Networking 92/72xx Central Gateway Advanced 10year Subscription E-STU	R0G63AAE
	On-Prem Services / Gateway and Controller Foundation Government Subscriptions	
3	HPE Aruba Networking COP Controller Foundation 1-year Government Subscription E-STU	S1P61AAE
3	HPE Aruba Networking COP Controller Foundation 3-year Government Subscription E-STU	S1P62AAE
3	HPE Aruba Networking COP Controller Foundation 5-year Government Subscription E-STU	S1P63AAE
3	HPE Aruba Networking COP Controller Foundation 7-year Government Subscription E-STU	S1P64AAE
3	HPE Aruba Networking COP Controller Foundation 10-year Government Subscription E-STU	S1P65AAE
	Configuration Rules	
Rule #	**Description**	
3	Add the Central On-Prem SKUs to the HPE Aruba Networking Catalog as Standalone: HPE Aruba Networking > Network Management > Central > On-Prem Services	

Technical Specifications

Performance and Capacity					
Features	**7205**	**7210**	**7220**	**7240XM**	**7280**
Maximum campus or remote AP licenses	256	512	1,024	2,048	2,048
Maximum concurrent users/devices	8,192	16,384	24,576	32,768	32,768
Maximum VLANs	4,096	4,096	4,096	4,096	4,096
Active firewall sessions	1 million (M)	2M	2M	2M	2M
Concurrent GRE tunnels	4,096	8,192	16,384	32,768	32,768
Concurrent IPsec sessions	8,192	16,384	24,576	32,768	32,768
Concurrent SSL sessions	4,096	8,192	8,192	8,192	8,192
Firewall throughput (Gbps)	12	20	40	40	100
Wired Bridged Throughput (Gbps)	12	20	40	40	100
Encrypted throughput 3DES (Gbps)	5	7	25	28	57
Encrypted throughput AES-CBC-256 (Gbps)	5	7	22	30	46
Encrypted throughput AES-CCM (Gbps)	5	7	20	29	75
Encrypted throughput AES-GCM-256 (Gbps)	5	7	26	35	70

Interfaces and Indicators					
Features	**7205**	**7210**	**7220**	**7240XM**	**7280**
Form factor/footprint	1xRU	1xRU	1xRU	1xRU	1xRU
10/100/1000BASE-T	4xCombo	2xCombo	2xCombo	2xCombo	-
1000BASE-X	4xCombo	2xCombo	2xCombo	2xCombo	-
10G Ports (10G or 1G supported)	2xSFP+	4xSFP+	4xSFP+	4xSFP+	8xSFP+
40G Ports	-	-	-	-	2xQSFP+

Technical Specifications

USB 2.0	2	1	1	1	1
Management/status LEDs	Yes	Yes	Yes	Yes	Yes
LINK/ACT and status LEDs	Yes	Yes	Yes	Yes	Yes
LCD panel and navigation buttons	Yes	Yes	Yes	Yes	Yes
Console port	micro USB, RJ45	mini USB, RJ45	mini USB, RJ45	mini USB, RJ45	micro USB, RJ45
Out-of-band management port	Yes	Yes	Yes	Yes	Yes

Physical					
Features	**7205**	**7210**	**7220**	**7240XM**	**7280**
Dimentions (HxWxD)	(H) 4.4 cm x (W) 44.2 cm x (D) 33.4 cm (1.75” x 17.38” x 13.13”)	(H) 4.4 cm x (W) 44.5 cm x (D) 44.5 cm (1.75” x 17.5” x 17.5”)			(H) 4.4 cm x (W) 44.2 cm x (D) 40.1 cm (1.73” x 17.40” x 15.79”)
Weight	4.95 kg (10.19 lbs.)	7.45 kg (16.43 lbs.)			7.9 kg (17.41 lbs)
MTBF (Hours)	129,597 (@40C)	106,536 (@40C)	113,751 (@40C)	116,590 (@40C)	281,896 (@45C)

Technical Specifications

Environmental					
Features	**7205**	**7210**	**7220**	**7240XM**	**7280**
Operating Temperature	0° C to 40° C				
Storage Temperature	-40° C to 70° C				
Humidity/Storage Humidity	10% to 95%, NC	5% to 95%, NC	5% to 95%, NC	5% to 95%, NC	5% to 95%, NC
Operating Altitude	10,000 feet				
Acoustic Noise[1]	49 dBA	52.9 dBA	52.9 dBA	52.9 dBA	47.1 dBA
Maximum Heat Dissipation (BTU/hour)	260	375	427	563	819
Maximum Power Consumption	75.2W	110W	125W	165W	240W
Power Source	Internal power supply	350-watt AC or DC power supply			550-watt power supply

Notes: [1] Sound power per ETSI 300 753 in accordance with ISO 7779

Power Adapter and Supply Specifications			
Features	**350-watt AC**	**350-watt DC**	**550-watt**
Input voltage range	100 VAC to 240 VAC	DC -48V to DC -60V	100 VAC to 240 VAC
Output Voltage	+12VDC, 29.16A	+12VDC, 29.16A	+12VDC, 29.16A
Input frequency	50-60 Hz	50-60 Hz	50-60 Hz
AC line input current (steady state)	5 - 2.5A	5 - 2.5A	7.1 - 3.4A
Operating Temperature	-5° to +55° C	-5° to +55° C	-5° to +55° C
Cooling	Internal fan (Air flow rear to front)	Internal fan (Air flow rear to front)	Internal fan (Air flow rear to front)
Weight	1.3 kg (2.8 lbs)	1.3 kg (2.8 lbs)	0.87 kg (1.9 lbs)

Technical Specifications

Regulatory and Safety Compliance					
Features	**7205**	**7210**	**7220**	**7240XM**	**7280**
Regulatory SKU information	ARCN7205	ARCN0100	ARCN0101	ARCN0102	ARCN7280
Minimum HPE ArubaOS Release	6.4.3.0	6.2.0.0	6.2.0.0	6.4.4.0	6.5.4.0 or 8.3.0.0
	802.11ax (Wi-Fi 6), AOS 8.4; WI-FI CERTIFIED WPA3™, AOS 8.4; WI-FI CERTIFIED Enhanced Open™, AOS 8.4				
Regulatory and Safety Compliance	FCC Part 15 Class A CE Industry Canada Class A VCCI Class A (Japan) EN 55022 Class A (CISPR 22 Class A), EN 61000-3, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11, EN 55024, AS/NZS 3548 UL 60950, EN60950 CAN/CSA 22.2 #60950 CE mark, cTUVus, CB, C-tick, Anatel, NOM, MIC				
Telco	Common Language Equipment Identifier (CLEI) Code				

Summary of Changes

Date	Version History	Action	Description of Change
22-Jan-2024	Version 14	Changed	Series name was updated.
16-Oct-2023	Version 13	Changed	Configuration Information section was updated Obsolete SKUs were removed.
07-Sep-2021	Version 12	Changed	Configuration Information section was updated.
15-Mar-2021	Version 11	Changed	SKUs added in Configuration Information section.
01-Feb-2021	Version 10	Changed	SKUs updated in Configuration Information section.
11-Jan-2021	Version 9	Changed	Standard Features section was updated. Obsolete SKUs were deleted in Configuration Information section.
05-Oct-2020	Version 8	Changed	Configuration Information section was updated.
03-Aug-2020	Version 7	Changed	Configuration Information section was updated.
04-Nov-2019	Version 6	Changed	Overview, Standard Features, Configuration Information and Technical Specification sections were updated.
03-Dec-2018	Version 5	Changed	Complete document revised (software feature update)
08-Jan-2018	Version 4	Added	SKUs added: Q9B90AAE, JW538AAE, JW539AAE, JW540AAE, JW541AAE, JW542AAE, JW543AAE, JW544AAE, JY028AAE, JY029AAE, JY030AAE, JY031AAE, JY032AAE
07-Aug-2017	Version 3	Added	Models added: JX910A, JX911A, JX912A, JX913A, JX914A, JX915A, JX916A, JX917A, JZ077A, JZ078A SKUs added: JZ012A, JZ013A
07-Nov-2016	Version 2	Added	Models added: JY852A, JY853A, JY854A
01-Nov-2016	Version 1	New	New QuickSpecs

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