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HPE Trusted Platform Module 2.0 Gen10 Plus QuickSpecs

The HPE Trusted Platform Module (TPM) works with programs such as Microsoft Windows® BitLocker™ to increase data security by storing the encryption startup key in hardware on the server, which provides a more secure environment by pairing the drive to the server.

Pairing the drive to the server helps prevent the encrypted drive from being read if inserted in a different server. The HPE TPM can also store passwords, certificates, and encryption keys that can authenticate server hardware and software through remote attestation while the measured boot capability enhances the effectiveness of anti-malware solutions.

Overview

The HPE TPM options conform to the Trusted Computing Group specifications and provides hardware-based authentication and tamper detection preventing a TPM from being moved to another server or replaced.

What's New

- New Gen10 Plus cover design that adds increased physical tamper security.
- Adds support for TCG TPM Library 1.38.

Models

HPE Trusted Platform Module 2.0 Gen10 Plus Black Rivets Kit P13771-B21

Notes: Compatible with HPE Gen10 Plus Synergy, Rack, and Tower servers. Supports TPM 1.2 (UEFI and Legacy mode) and 2.0 (UEFI mode).

HPE Trusted Platform Module 2.0 Gen10 Option 864279-B21

Notes: Compatible with HPE Gen10 servers. Supports TPM 1.2 (UEFI and Legacy mode) and 2.0 (UEFI mode).

Standard Features

TPM Standards

HPE Gen10 Plus TPM BR/WR Module Kit: The chip within the module complies with the Trusted Computing Group specification for version 2.0 revision 1.38 (default) and version 1.2 revision 1.16, and meet Common Criteria Certification level EAL4+.

HPE Trusted Platform Module 2.0 for Gen10: The chip within the module complies with the Trusted Computing Group specification for version 2.0 revision 1.16 (default) and version 1.2 revision 1.16, and meets Common Criteria Certification level EAL4+.

Supported Operating Systems

SKU	**P13771-B21**	**864279-B21**
Description	HPE Trusted Platform Module 2.0 Gen10 Plus Black Rivets Kit	HPE Trusted Platform Module 2.0 Gen10 Option
Microsoft Windows Server Version Supported	**TPM 1.2** Not Supported **TPM 2.0** Windows Server 2016 Windows Server 2019	**TPM 1.2** Microsoft Windows Server 2012 R2 (If platform supports OS) **TPM 2.0** Windows Server 2016 Windows Server 2019
Redhat Enterprise Linux Version Supported	**TPM 1.2** RHEL 6.9 and later RHEL7.0 and later **TPM 2.0** RHEL7.2 and later RHEL8.0 and later	**TPM 1.2** RHEL 6.9 and later RHEL7.0 and later **TPM 2.0** RHEL7.2 and later RHEL8.0 and later
SUSE Enterprise Linux Version Supported	**TPM 1.2** SLES 12 SP2 and newer SLES15 GA and newer www.hpe.com/servers/slescert/min **TPM 2.0** SLES 12 SP2 and newer SLES15 GA and newer www.hpe.com/servers/slescert/min	**TPM 1.2** SLES 12 SP2 and newer SLES15 GA and newer www.hpe.com/servers/slescert/min **TPM 2.0** SLES 12 SP2 and newer SLES15 GA and newer www.hpe.com/servers/slescert/min
VMware Version Supported	**TPM 1.2** vSphere 6.5U3, 6.7U3 **TPM 2.0** vSphere 6.7U3	**TPM 1.2** vSphere 6.0U3, 6.5U1, 6.5U2, 6.5U3, 6.7, 6.7U1, 6.7U2, 6.7U3 **TPM 2.0** vSphere 6.7, 6.7U1, 6.7U2, 6.7U3

Standard Features

Supported HPE BIOS

The HPE Gen10 Plus TPM BR Module Kit is compatible with HPE Gen10 Plus Synergy, Rack and Tower servers.

The HPE Gen10 Plus TPM WR Module Kit is compatible HPE Gen10 Plus Apollo servers.

The HPE Trusted Platform Module 2.0 for Gen10 is compatible with HPE Gen10 servers only.

Support Matrix

The Trusted Platform Module Options are designed to be installed onto the vacant TPM connector on supported servers. Once installed, the TPM module becomes a permanent part of the system board. It is not designed to be removed.

The HPE Gen10 Plus TPM BR Module Kit is compatible with HPE Gen10 Plus Synergy, Rack and Tower servers.

The HPE Gen10 Plus TPM WR Module Kit is compatible HPE Gen10 Plus Apollo servers.

The HPE Trusted Platform Module 2.0 for Gen10 is compatible with supported HPE Gen10 servers only.

Please see the following URL for the latest list of supported servers and enclosures:
http://www.hpe.com/info/serveroptions

Warranty

The HPE Trusted Platform Module and the HPE Trusted Platform Modules have a 3-year limited warranty regardless of the warranty period for the system in which they are installed.

Service and Support

For the most up-to-date information on HPE Services, please refer to the HPE Services – Supplemental QuickSpecs, which provides a comprehensive and regularly updated overview of available services.

Environment-friendly Products and Approach End-of life Management and Recycling

Hewlett Packard Enterprise offers end-of-life product return, trade-in, and recycling programs, in many geographic areas, for our products. Products returned to Hewlett Packard Enterprise will be recycled, recovered or disposed of in a responsible manner.

The EU WEEE Directive (2012/19/EU) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard Enterprise website. These instructions may be used by recyclers and other WEEE treatment facilities as well as Hewlett Packard Enterprise OEM customers who integrate and re-sell Hewlett Packard Enterprise equipment.

Summary of Changes

Date	Version History	Action	Description of Change
21-Sep-2026	Version 11	Changed	QuickSpecs maintenance updates.
16-Feb-2026	Version 10	Changed	New branding applied to document.
19-Feb-2024	Version 9	Changed	Standard Features section was updated.
04-Dec-2023	Version 8	Changed	Service and Support section was updated.
15-Nov-2021	Version 7	Changed	Service and Support section was updated.
01-Jun-2020	Version 6	Changed	Overview and Standard Features sections were updated. New SKU was added.
03-Feb-2020	Version 5	Changed	Overview section was updated.
23-Oct-2017	Version 4	Changed	Care Pack naming and Service and Support- Parts and Materials updated.
11-Jul-2017	Version 3	Changed	Overview and Standard Features sections were revised.
10-Jun-2016	Version 2	Changed	Changes made throughout the QuickSpecs.
31-Mar-2016	Version 1	New	New QuickSpecs.

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