HPE SYNERGY 4-PORT FRAME LINK MODULE (876852-B21)

Synergy Frame Options

WHAT'S NEW

- Hardware Root of Trust prevents tampering by detecting and validating that the correct firmware is in use on the HPE 4-port Frame Link Module.
- Secure Start maintains secure firmware updates and attack resilience by validating any new firmware on the HPE 4-port Frame Link Module from the previous firmware before switching the boot path.

OVERVIEW

Do your datacenter systems provide continuous uptime with security – while allowing for future growth?

HPE Synergy Frame Link Modules provide basic management functions for HPE Synergy Frames like auto-discovery of resources and health-status monitoring to keep your systems up and running. Security is enhanced by separating the data network from the management network and by a variety of capabilities like Hardware Root of Trust, Secure Start, and Trusted Platform Module (TPM) file encryption. HPE Synergy

- File Encryption uses the Trusted Platform Module (TPM) on the HPE 4-port Frame Link Module for robust device security using validated encryption keys.
- HPE 4-port Frame Link Modules provide flexibility for long-distance connections (up to tens of kilometers) to scattered frames and to remote subnets of a data center.

Frame Link Modules also link multiple frames together into a management ring to scale your single management environment for future growth (up to 21 frames).

FEATURES

Control and Manage your Synergy Frames for Continuous Uptime

Collects asset and inventory information of all components installed in a HPE Synergy Frame.

Auto-discovers all resources in all linked HPE Synergy Frames, and reports this information into HPE OneView in order to automatically bring these resources under monitoring.

Controls and monitors the thermal and power infrastructure resources in an HPE Synergy Frame.

Reports the health status for each component installed in a HPE Synergy Frame.

Hosts the HPE Synergy Console user interface.

Extend your Connectivity within a Single Management Domain

Management network connections, which are separate from the data network, operate at 1 Gbps or 10 Gbps for dedicated management control.

HPE Synergy Frame Link Modules link multiple frames together at 10 Gbps into a management ring within a single management domain.

Frame link modules allow you to easily grow your environment from a single frame up to 21 frames within the same management domain.

HPE Synergy 4-port Frame Link Modules provide flexibility for long-distance connections (up to tens of kilometers) to scattered frames and to remote subnets of a datacenter.

Maintain the Security of your HPE Synergy Frames

HPE Synergy Frame Link Modules separate the data network from the management network to resist Denial of Service (DoS) attacks.

Hardware Root of Trust in HPE Synergy 4-port Frame Link Modules prevent tampering by detecting and validating that the correct firmware is in use.

Secure Start maintains secure firmware updates and attack resilience by validating any new firmware on the HPE 4-port Frame Link Module from the previous firmware before switching the boot path.

File Encryption uses the Trusted Platform Module (TPM) in the HPE Synergy 4-port Frame Link Module for robust device security using validated encryption keys.

HPE Synergy Frame Link Modules also provide other security capabilities like secure protocols and algorithms (CNSA Suite B, FIPS 140-2 Level 1, PCI-DSS compliance, GDPR), audit logs, authenticated updates, certificate management, scope based access control, and secure erase of user data.

Technical specifications   HPE Synergy 4-port Frame Link Module

Product Number (SKU)	876852-B21
BladeSystem supported	Synergy 12000 Frame
Management features	One Ethernet LINK port @ 10Gbps, One Ethernet MANAGEMENT port @ 1/10 Gbps, Two Appliance ports @ 10Gbps, One USB 2.0 port
Power availability	USB type-C connector is current-limited to 3A at 5V.
Product Dimensions (metric)	Height: 20.8 mm Width: 82.55 mm Length: 286.22 mm
Weight	0.63 kg
Warranty	3/3/3 warranty covers 3 -year parts, 3-year labor, and 3-year onsite service.

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Advisory and Professional Services help you accelerate your digital transformation. Operational Services help you remove complexity and respond rapidly to business demands.

Operational Services from HPE Pointnext Services

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- **HPE Proactive Care** offers an enhanced call experience and helps reduce problems with personalized proactive reports and advice. This also includes collaborative software support for Independent Software Vendors (ISVs), (Red Hat, VMWare, Microsoft, etc.). Read more

- **HPE Foundation Care** helps when there is a problem and has a choice of response levels. Collaborative software support is included and provides troubleshooting help for ISVs running on your server. Read more.

Other related services

Defective Media Retention is optional and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

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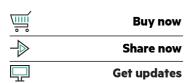
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