



BROCADE 32GB/20 4SFP+ FIBRE CHANNEL SAN SWITCH MODULE FOR HPE SYNERGY (Q2E56A)

Synergy Switches



WHAT'S NEW

- New 32 Gbps Fibre Channel embedded high performance switch module for HPE Synergy Frame
- 12 downlink internal server ports, up to 8 uplink (SFP+) external ports, and 2 uplink (QSFP) external ports

OVERVIEW

Are you looking to improve the operational velocity of your workloads with next-generation high-performance Fibre Channel (FC) SAN infrastructure? The Brocade 32Gb Fibre Channel SAN Switch Module for HPE Synergy represents a composable and integrated Fibre Channel interconnect module with Gen6 technology that simplifies integration of the HPE Synergy blade chassis into a Storage Area Network (SAN). It provides breakthrough application performance, operational stability, and simplified manageability to meet the stringent business requirements with 32 Gb FC technology for HPE's Composable Infrastructure. It is ideal for enterprises planning to deploy 32 Gb FC to meet growing bandwidth demands of applications utilizing all-flash storage arrays (AFA) and for customers looking to deploy scalable private cloud storage networks using HPE Synergy. It provides simplified manageability utilizing the Advanced Web Tools for fabric set-up and ongoing maintenance.

FEATURES

Accelerate Performance and Service Delivery

Higher switching bandwidth of 896 Gbps to support high-density virtualization and demanding workloads

Increased maximum throughput of 512Gbps to support stringent service-level agreements (SLAs)

Better application performance with lower latency (<=900 ns) and error-free switching with Forward Error Correction (FEC)

Integrated Manageability

Utilizes Advanced Web Tools to simplify fabric set-up and ongoing maintenance for new SAN administrators

Integrates with HPE OneView and HPE Power Pack+ Software for monitoring, diagnostics, and analytics

Detect degraded storage IO performance with automatic IOPS monitoring and integrated device latency using IO Insight Software

Monitors VM performance seamlessly throughout a storage fabric with standards-based, end-to-end VM tagging

Operational Efficiency and Flexibility

Consolidated zero-footprint design to lower cost through shared power and cooling, fewer cables and SFPs, and reduced space

Available in 12-port and 8-port base Ports-on-Demand (PoD) scalability to support operating requirements

Both internal and external facing ports auto-sense lower bandwidth components for flexibility and investment protection (16 Gb or 32 Gb)

Technical specifications

Brocade 32Gb/20 4SFP+ Fibre Channel SAN Switch Module for HPE Synergy

Product Number	Q2E56A
Protocol supported	Fibre Channel
Warranty	(3-3-3) Hardware Warranty - Three-year on-site warranty, normal business hours, next business day response, and installation not included.



For additional technical information, available models and options, please reference the [QuickSpecs](#)

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Operational Services from HPE Pointnext Services

[HPE Pointnext Tech Care](#) provides fast access to product-specific experts, an AI-driven digital experience, and general technical guidance to help enable constant innovation. We have reimagined IT support from the ground up to deliver faster answers and greater value. By continuously searching for better ways to do things—as opposed to just fixing things that break—HPE Pointnext Tech Care helps you focus on achieving your business goals.

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HPE Integration and Performance Services help you customize your experience at any stage of your product lifecycle with a menu of services based on individual needs, workloads, and technologies.

- Advise, design, and transform
- Deploy
- Integrate and migrate
- Operate and improve
- Financial Services
- Greenlake Management Services
- Retire and sanitize
- IT Training and personal development

Other related services

[HPE Education Services](#) delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation. Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

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

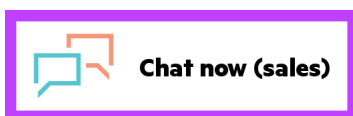
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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Image may differ from the actual product
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