



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

## **Synergy Switches**

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### **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**

<b>Product Number</b>	Q2E56A
<b>Protocol supported</b>	Fibre Channel
<b>Warranty</b>	(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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- 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.

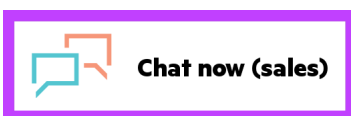
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