HPE AM867D

Datasheet

Product Overview

- HPE delivers the AM867D as part of its SAN switch portfolio, offering reliable fibre channel connectivity and seamless integration.

- Designed for small to medium businesses, the AM867D suits entry-level SAN deployments and works well as an edge switch in core-to-edge SANs.

- It offers 8 active ports, supports up to 8 Gbit/sec Fibre Channel, and features dynamic scaling with Ports On Demand for flexible growth up to 24 ports.

- Key features include easy expansion with optional Full Fabric scaling and robust interoperability with earlier generation devices.

- Management is straightforward with intuitive hardware and software, plus options for advanced monitoring through Power Pack+ software.

- Ideal for growing enterprise SANs, the AM867D reduces storage costs, boosts performance, and ensures simplified IT management in modern data environments.

Product Highlights

- **Flexible Scalability:** Start with 8 active ports and upgrade in 8-port increments up to 24 ports using Ports On Demand.

- **High Performance Fibre Channel:** Delivers up to 8 Gbit/sec per port, ensuring robust SAN throughput for demanding workloads.

- **Energy Efficient Design:** Consumes less than 2.5 watts per port, reducing power and cooling costs in your data center.

- **Advanced Management Options:** Supports enhanced software bundles for proactive monitoring, improved security, and easier management.

Detailed Features

AM867D

Component	Specification
Number of Ports	8 SFP+ (scalable up to 24)
Port Speed	8 Gbit/sec Fibre Channel
Uplink Type	10 Gigabit Ethernet SFP+
Form Factor	1U Rackmount
Expansion	Ports On Demand, Full Fabric License (optional)

Enterprise-Grade Fibre Channel

The AM867D delivers reliable 8 Gbit/sec Fibre Channel connectivity, supporting high-speed data transfer and consistent performance. Its robust design is ideal for demanding business storage environments where data integrity and throughput are critical.

Dynamic Ports On Demand

Flexible Port On Demand licensing enables easy expansion from 8 ports up to 24 without service disruption. This modular approach avoids unnecessary upfront investment, supporting cost-effective, non-disruptive network scaling as your storage needs grow.

Auto-Sensing and Backward Compatibility

With auto-sensing technology, the AM867D ensures compatibility with existing 1, 2, 4, and 8 Gbit/sec devices. Mixed environment support lets businesses extend network lifecycles and simplify seamless migration to next-generation SAN infrastructure.

Efficient Power and Cooling

Engineered for efficiency, the switch consumes less than 2.5 watts per port. This results in lower heat output and reduced cooling and power expenses, supporting environmentally responsible and cost-efficient data center operation.

High-Bandwidth ISL Trunking

Enhanced Inter-Switch Link (ISL) Trunking aggregates up to eight ISLs between switches, delivering a logical high-speed trunk with throughput reaching 64 Gbit/sec. This design boosts bandwidth for demanding storage environments.

Integrated Software Features

The optional Power Pack+ bundle offers comprehensive SAN management tools, including Fabric Vision, ISL Trunking, and advanced monitoring. These features give administrators robust control and proactive health insights for optimizing performance.

Seamless Integration & Deployment

Purpose-built for easy integration, AM867D reduces the time and complexity of SAN deployment. Management tools streamline initial setup and daily operations, helping smaller IT teams maintain stable, high-performing networks.

Enterprise-Ready Scalability

Whether starting small or expanding to full fabric limits, AM867D provides the scalability and resilience necessary for long-term data center growth. Its design supports a range of deployment scenarios in evolving business environments.

Technical Specifications

Product Specifications

Feature	Value
Product Number (SKU)	AM867D
Port speed	8 Gb/s Fibre Channel
Aggregate switch bandwidth	384 Gb/s
Maximum Encryption capability	No
Protocol supported	Fibre Channel
Availability features	Hot code load
Availability features	Ports on demand with no downtime
Form factor	1U
Management features	B-series SAN Network Advisor
Management features	Integration with Storage Essentials
Upgradability	Standard 8-ports
Upgradability	8-port on Demand upgrades

Feature	Value
Upgradability	Upgrade from Base to Full Fabric to Power Pack+ Software (optional)
Upgradability	Power Pack+ Software, Port Upgrade, Full Fabric, SAN Network Advisor Professional+ or Enterprise
Warranty - year(s) (parts/labor/onsite)	1/1/1

Product Comparison

Feature	AM867D	C9200-24PXG-A	OS9800E-RCBA
Port Type	8 x 8Gbps FC SFP+ (expandable to 24)	24 x 1G/2.5G/5G/10G Multigigabit, 4 x 10G SFP+	48 x 10G SFP+
Aggregate Bandwidth	384 Gbps	240 Gbps	960 Gbps
Form Factor	1U Rackmount	1U Rackmount	1U Rackmount
Management	B-Series SAN Network Advisor	Web UI, SNMP, CLI	Cloud-based Management, CLI
Scalability	Ports On Demand, Full Fabric	StackWise Virtual, Modular Power	Stacking up to 4 units
Power Supply	Built-in, redundant option	Redundant/Field Replaceable	Hot-swappable, redundant
Target Application	Entry SAN/Edge Switch	Access/Aggregation (Campus/Core)	Large Campus/Core/ Aggregation
Redundancy Features	Hot code load, ISSU	Dual PSU, StackPower	Dual PSU, Field Replaceable Fans

Accessories

Category	Accessories
Included Accessories	- Power Adapter - Rack Mount Brackets - Console Cable
Optional Accessories	- SFP Transceiver Modules - Advanced Software License

Support & Warranty

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3-Year Premium Warranty

Professional Technical Support
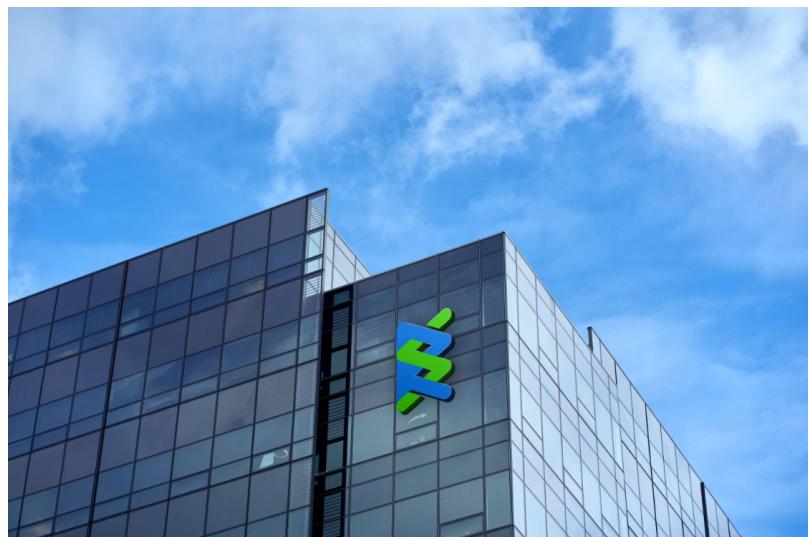
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Rm 605, 6/F, Fa Yuen Comm Bldg, 75-77 Fa Yuen St, Mongkok, Kowloon, Hong Kong, China

USA Branch

35 E Horizon Ridge Pkwy, Ste 110 #30131, Henderson, NV 89002, USA

Shenzhen Branch

Jingfeng Building, 1001 Shangbu South Road, Futian District, Shenzhen, China

UK Branch

Third Floor, 207 Regent Street, London W1B 3HH, UK

References

[1] HPE. (2023). HPE 8/8 Base SAN Switch and 8/8 SAN Switch - QuickSpecs. Retrieved from https://www.hpe.com/psnow/doc/c04123371.pdf