

HPE Networking Instant On Switch 1840

HPE Networking Instant On Switch 24p Gigabit 16p CL4 PoE 4p SFP 195W 1840 (S5E29A)



What's new

- Easy setup and management through the mobile app, cloud web portal, or local web GUI with no subscription or licensing fees
- Built-in security features such as VLANs, IEEE 802.1X, ACLs, and loop protection help safeguard business networks
- Class 4 PoE models provide budget options up to 370W to power access points, IP phones, and surveillance cameras
- Dedicated 1G SFP uplinks on select 24- and 48-port models extend connectivity and support fiber uplinks
- Select models feature fanless design for quiet, energy-efficient deployment in offices, retail spaces, and other noise-sensitive environments

Overview

HPE Networking Instant On Switch Series 1840 is an entry-level, smart-managed Layer 2 Gigabit switch series for small and medium-sized businesses that need reliable, secure, and cost-effective 1G wired connectivity. Available in 8-, 24-, and 48-port models with PoE and non-PoE options, it combines intuitive management with enterprise-grade security.

Using the mobile app, Instant On Cloud Portal, or local web GUI, businesses can quickly deploy, monitor, and manage their network without subscription fees. Built-in features such as ACLs, IEEE 802.1X, VLANs, DHCP snooping, IP Source Guard, and TPM 2.0 help protect business operations, while select PoE models provide up to 370W to power access points, cameras, and phones.

Features

Secure smart-managed Gigabit switching for SMBs

HPE Networking Instant On Switch Series 1840 is a smart-managed Layer 2 Gigabit switch series built for small and medium-sized businesses that need secure, reliable connectivity without complex administration.

Available in seven configurations, including 8-, 24-, and 48-port models with PoE and non-PoE options, the series supports flexible deployments across offices, retail, hospitality, and other SMB environments.

Select models provide up to 370W of Class 4 PoE to power access points, IP phones, cameras, and other connected business devices.

Dedicated 1G SFP uplinks on models that include fiber support enable longer-distance connectivity and simple network expansion.

Cloud management that simplifies daily operations

HPE Networking Instant On Switch Series 1840 can be managed through the Instant On Cloud Portal, giving SMBs centralized visibility and control without added licensing costs.

With a modernized interface, enhanced search, a multi-site dashboard and map view, expanded user roles, and site health insights, the platform helps teams manage growing networks more efficiently.

Extend ease of use with guided automation, policy-based configuration workflows, client classification, and improved visibility into power, applications, and site operations.

The Instant On Cloud Portal and mobile app simplify setup, monitoring, and troubleshooting across locations, helping small IT teams deploy consistent network policies faster.

The right fit for essential 1G access deployments

HPE Networking Instant On Switch Series 1840 is purpose-built for organizations that want secure, smart-managed 1G switching with straightforward deployment and strong value.

It is ideal for small offices, retail, hospitality, and similar environments where 1G access, 1G SFP uplinks, Class 4 PoE, and cloud or local management provide the right balance of simplicity and capability.

By having half of the ports on the PoE models powered, customers without a flood of PoE devices can upgrade their network without additional costs.

The 1840 switches also support many of the same features as higher-level platforms without the additional cost.

Technical specifications		HPE Networking Instant On Switch 24p Gigabit 16p CL4 PoE 4p SFP 195W 1840
Product Number	S5E29A	
Power consumption	[100% traffic] 100–127V: 21.5W 200–220V: 20.0W [100% traffic + 100% PoE] 100–127V: 240.2W 200–220V: 234.3W [Idle] 100–127V: 9.8W 200–220V: 9.3W	
Heat dissipation	[100% traffic] 100–127V: 73.2 BTU/hr 200–220V: 68.2 BTU/hr [100% traffic + 100% PoE] 100–127V: 819.6 BTU/hr 200–220V: 799.3 BTU/hr [Idle] 100–127V: 33.5 BTU/hr 200–220V: 31.8 BTU/hr	
Input voltage	100–127 VAC / 200–240 VAC	
Ports	16x RJ-45 autosensing 10M/100M/1G IEEE 802.3at Class 4 PoE ports 8x RJ-45 autosensing 10M/100M/1G ports 4x SFP 1GbE ports	
Latency	[LIFO] 100 Mb: <8.8 µSec 1000 Mb: <4.7 µSec	
Switching capacity	56 Gbps	
Throughput	41.66 Mpps	
Memory and processor	Arm® Cortex®-A9 @ 1.2 GHz, 1GB SDRAM, 256MB Flash, 512KB packet buffer	
Power supply	Internal	
PoE capability	195W	
Operating temperature	0–40°C, 0–10,000 ft	
Management features	HPE Networking Instant On Cloud Web browser SNMP manager	
Warranty	Limited lifetime warranty with 24/7 phone support for 90 days and chat support for the entire warranty duration	
Shipping weight	5.87 kg	
Shipping dimensions	56.79 x 44.4 x 12.98 cm	
Fans	2 non-field-replaceable fans, left-to-right airflow	

HPE Services

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Experts can help you map out your path to hybrid cloud and optimize your operations.

[Managed services](#)

HPE runs your IT operations, giving you unified control, so can focus on innovation.

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- **HPE Multivendor Services:** Single point of accountability for managing on-site hardware and software support for multivendor products. HPE experts help manage your IT across technologies and platforms for HPE and non-HPE technologies, acting as the single point of contact for your IT operational needs.

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- Unify and secure data, as you move faster
- Accelerate AI, from pilot to production

The result: greater operational efficiency, lower TCO, and faster AI delivery—all from one unified, intelligent platform built for today's hybrid enterprise.

[For additional technical information,
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[PSN1014953235CZEN](#), August 18, 2026.

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