Hewlett Packard Enterprise

HPE OFFICECONNECT 1420 8G POE+ (64W) SWITCH (JH330A)

Fixed Port Unmanaged Ethernet Switches

WHAT'S NEW

- New, cost-effective, unmanaged gigabit switches in 5, 8 and 24 Gb-port configuration with and without PoE+.
- Quality of Service (QoS) and flow control for improved network efficiency
- Energy Efficient Ethernet for low power consumption.
- Plug-and-play with fully automated functions and zero ongoing maintenance.

OVERVIEW

The HPE OfficeConnect 1420 Switch Series delivers cost effective gigabit Ethernet (1GbE) connectivity offering small businesses 10 times the performance of Fast Ethernet with unmanaged plug-and-play simplicity. The series includes nine models, all with gigabit performance and a choice of key features including PoE+ for powering IP devices, Fiber and 10G uplinks for connectivity to servers and storage.

All models support silent fanless operation, automated features for hands off operation and low power consumption. They

- Limited Lifetime warranty with 24X7 phone support.

come with limited lifetime warranty and 24X7 phone support for 90 days

FEATURES

Cost-effective, High-performance GbE Layer 2 Switching

The HPE OfficeConnect 1420 Switch Series features gigabit Ethernet (1GbE) connectivity offering small businesses 10 times the performance of Fast Ethernet with unmanaged plug-and-play simplicity.

Unmanaged switches offer a cost-effective small business solution for locations needing only basic Layer 2 switching in a flat single tier network.

Half-/full-duplex auto-negotiating capability on every port doubles the throughput of every port.

Flexible Choices To Meet Most Basic Layer 2 Networking Design Needs

The HPE OfficeConnect 1420 Switch Series includes nine models, all with gigabit performance and a choice of key features including PoE+, Fiber and 10G uplink options.

The 1420-24G-2SFP model with SFP uplinks is ideal where gigabit fiber is required, while the 1420-24G-2SFP+ 10G Uplink model with SFP+ uplinks is available where 10GbE is needed.

Power over Ethernet (PoE+) models deliver greater efficiency for powering IP phones, wireless access points, or video surveillance cameras without the cost of additional cabling.

All HPE OfficeConnect 1420 Switch Series models are fanless for silent operation in office settings and include internal power supplies.

Units can be deployed for desktop operation or can be rack mounted.

Automated Features for Hands-off Operation

All HPE OfficeConnect 1420 Switch Series models are plug-and-play with zero configuration and no required ongoing administration.

This unmanaged PoE+ model delivers fully automated support for powering compatible IP phones, video surveillance cameras or wireless access points.

The HPE 1420-24G-2SFP+ 10G Uplink Switch requires no configuration beyond installation of optional 10GbE transceivers to achieve 10GbE speeds. Alternatively, use today with gigabit SFP transceivers if higher performance is merely a future requirement.

IEEE 802.1p prioritization and other QoS features automate the preferred handling of high priority traffic, including Differentiated Services Code Point (DSCP) set priorities.

The OfficeConnect 1420 Switch Series supports jumbo packets to improve the performance of large data transfers.

Cost-effective Ownership for Now and into the Future

The HPE OfficeConnect 1420 Switch Series offers a cost-effective upgrade path to next-generation 10GbE networks to reduce performance bottlenecks

The switch series includes PoE+ options to power IP devices without the cost of

additional cabling for power.

Green features include energy-efficient Ethernet IEEE 802.3az, auto-power down mode on idle ports, and power savings on short distance cables for low power consumption.

This series comes with a Limited Lifetime Warranty providing next business day advance hardware replacement shipment in most countries, 24x7 phone support available for the first 90 days, and electronic and business hours phone support for the entire warranty period.

Technical specifications — HPE OfficeConnect 1420 8G PoE+ (64W) Switch

Product Number (SKU)	JH330A
Differentiator	Our most economical Gigabit PoE+ 8-port switch. This model has 8x 10/100/1000 rear-facing ports with its LED display on the front. All eight ports support PoE+ with a total switch PoE power budget of 64W. It is a desktop configuration with an external universal power adapter.
Ports	(8) RJ-45 autosensing 10/100/1000 ports Supports a maximum of 8 autosensing 10/100/1000 ports
Memory and processor	Packet buffer size: 1.5 Mb
Latency	100 Mb Latency: < 3 µs 1000 Mb Latency: < 2.6 µs
Throughput	up to 11.8 Mpps
Routing/switching capacity	16 Gbps
PoE capability	64 W PoE+
Input voltage	100 - 240 VAC, rated
Operating humidity range	15 to 95% @ 104°F (40°C) (noncondensing)
Power Consumption	80 W (maximum)
Minimum dimensions (H x W x D)	23.47 x 10.49 x 2.69 cm
Weight	0.7 kg

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Access expertise at every step of your IT journey with HPE Pointnext Services. Advisory Services focuses on your business outcomes and goals, to design your transformation and build a roadmap tuned to your unique challenges. Our Professional and Operational Services help speed up time-to-production and keep your IT stable and reliable.

Operational Services from HPE Pointnext Services

- **HPE Datacenter Care** helps modernize and simplify IT operations. Partner with an assigned account team, access technical expertise, an enhanced call experience gives you priority access, choose hardware and software support, implement proactive monitoring to help stay ahead of issues, and access HPE IT best practices and IP.

- **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.

HPE Service Credits offers a menu of technical services, access additional resources, and specialist skills.

HPE Education Services provides comprehensive training designed to expand the skills of your IT staff and keep them up to speed with the latest technologies.

Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.
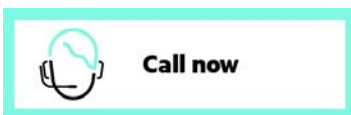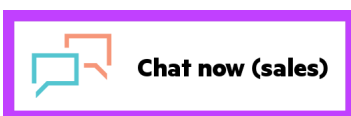
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