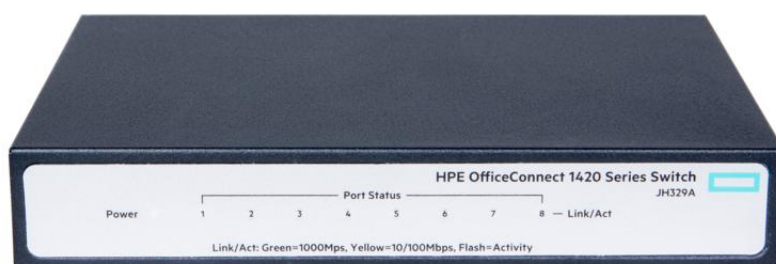




HPE OFFICECONNECT 1420 8G SWITCH (JH329A)

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

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- 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 Switch

Product Number (SKU)	JH329A
Differentiator	Our most economical Gigabit 8-port switch. This model has 8x 10/100/1000 rear-facing ports with its LED display on the front, in a small-form desktop configuration.
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 μ s 1000 Mb Latency: < 2.6 μ s
Throughput	up to 11.8 Mpps
Routing/switching capacity	16 Gbps
Input voltage	100 - 240 VAC, rated
Operating humidity range	15 to 95% @ 104°F (40°C) (noncondensing)
Power Consumption	4.5 W (maximum)
Product Dimensions (metric)	15.77 x 10.49 x 2.69 cm
Weight	0.5 kg



Most, if not all IT organizations are on a digital transformation journey — each at a different stage. With over 11,000 IT projects conducted and 1.4 million customer interactions each year, [HPE Pointnext Services](#)' 15,000+ experts and its vast ecosystem of solution partners and channel partners are uniquely able to help you at every stage of your digital transformation. We bring together technology and expertise to help you drive your business forward and prepare for whatever is next.

Advisory and Professional Services help you accelerate your digital transformation. [Operational Services](#) help you remove complexity and respond rapidly to business demands.

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.

- **[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](#) 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.



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

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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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