



**Hewlett Packard**  
Enterprise

# HPE OFFICECONNECT 1420 24G SWITCH (JG708B)

## 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 24G Switch

<b>Product Number</b>	JG708B
<b>Differentiator</b>	Our most economical Gigabit 24-port switch. This model has 24x 10/100/1000 ports. It is full rack width with included rack mount hardware but can also operate on a desktop.
<b>Ports</b>	(24) RJ-45 autosensing 10/100/1000 ports Supports a maximum of 24 autosensing 10/100/1000 ports
<b>Memory and processor</b>	storage: 1 MB flash Packet buffer size: 512 KB
<b>Latency</b>	100 Mb Latency: < 8 $\mu$ s 1000 Mb Latency: < 3.6 $\mu$ s
<b>Throughput</b>	up to 35.7 Mpps
<b>Switching capacity</b>	48 Gbps
<b>Input voltage</b>	100 - 240 VAC, rated
<b>Operating humidity range</b>	5 to 95% @ 104°F (40°C) (noncondensing)
<b>Power Consumption</b>	16 W (maximum)
<b>Heat dissipation</b>	55 BTU/hr (58 kJ/hr)
<b>Product Dimensions (metric)</b>	44 x 17.3 x 4.4 cm
<b>Weight</b>	3 kg



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

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- Deploy
- Integrate and migrate
- Operate and improve
- Financial Services
- Greenlake Management Services
- 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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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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