HPE OfficeConnect 1420 24G(JG708B#ABB)
HPE OfficeConnect 1420 24G - Switch - unmanaged - 24 x 10/100/1000 - desktop,rack-mountable

The HPE 1420 Switch series consists of unmanaged Gigabit Ethernet switches for small businesses and others looking for plug-and-play basic Layer 2 connectivity for their network.

Key Selling Points

High-performance GbE Layer 2 switching,cost-effective and easy to deploy
Automated features for hands-off operation
Cost-effective ownership for now and into the future

Product Features

High-performance GbE Layer 2 switching,cost-effective and easy to deploy

The HPE 1420 Switch series offers small businesses and others Layer 2 Gigabit Ethernet switching with unmanaged affordability and plug-and-play simplicity. Gigabit Ethernet is the most recommended and deployed networking technology today,delivering 10 times more performance than Fast Ethernet. Unmanaged switches are the most economical offerings,ideal for locations needing only basic Layer 2 switching in a flat single tier network.

Automated features for hands-off operation

All HPE 1420 Switch series models are plug-and-play with zero configuration and no required ongoing administration. The switch series has the company's only unmanaged PoE model,with fully automated support for powering compatible IP phones,video surveillance cameras or wireless Access Points. The 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 1420 Switch series offers a cost-effective upgrade path to next-generation 10GbE networks to reduce performance bottlenecks when connecting to storage and servers. 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.

Main Specifications

Product Description	HPE OfficeConnect 1420 24G - switch - 24 ports - unmanaged - rack-mountable
Device Type	Switch - 24 ports - unmanaged
Enclosure Type	Rack-mountable 1U
Subtype	Gigabit Ethernet
Ports	24 x 10/100/1000
Performance	Switching capacity:48 Gbps ¦ Throughput:35.7 Mpps
MAC Address Table Size	8192 entries
Jumbo Frame Support	9216 bytes
Features	Flow control,auto-negotiation,auto-uplink (auto MDI/MDI-X),half duplex mode,full duplex mode,Quality of Service (QoS),Jumbo Frames support,fanless,Mini Jumbo Frame support,Type of Service (ToS),DiffServ Code Point (DSCP) support
Compliant Standards	IEEE 802.3,IEEE 802.3u,IEEE 802.3i,IEEE 802.3ab,IEEE 802.1p,IEEE 802.3x,IEEE 802.3az
Power	AC 120/230 V (50/60 Hz) 300 mA
Dimensions (WxDxH)	44 cm x 17.3 cm x 4.4 cm
Weight	3 kg
Localisation	English / Europe
Manufacturer Warranty	Limited lifetime warranty

Extended Specification

General

Device Type	Switch - 24 ports - unmanaged
Enclosure Type	Desktop,rack-mountable 1U
Subtype	Gigabit Ethernet
Ports	24 x 10/100/1000
Performance	Switching capacity: 48 Gbps Throughput: 35.7 Mpps
MAC Address Table Size	8192 entries
Jumbo Frame Support	9216 bytes
Features	Flow control,auto-negotiation,auto-uplink (auto MDI/MDI-X),half duplex mode,full duplex mode,Quality of Service (QoS),Jumbo Frames support,fanless,Mini Jumbo Frame support,Type of Service (ToS),DiffServ Code Point (DSCP) support
Compliant Standards	IEEE 802.3,IEEE 802.3u,IEEE 802.3i,IEEE 802.3ab,IEEE 802.1p,IEEE 802.3x,IEEE 802.3az
Flash Memory	1 MB
Status Indicators	Port transmission speed,port duplex mode,status,link/activity

Expansion / Connectivity

Interfaces	24 x 1000Base-T RJ-45

Power

Power Device	Internal power supply
Voltage Required	AC 120/230 V (50/60 Hz)
Electric Current Required	300 mA
Power Consumption Operational	16 Watt

Miscellaneous

Rack Mounting Kit	Included
Compliant Standards	CISPR 24,EN55022,IEC 61000-3-2,IEC 61000-3-3,IEC 61000-4-11,IEC 61000-4-2,IEC 61000-4-3,IEC 61000-4-4,IEC 61000-4-5,IEC 61000-4-6,IEC 61000-4-8,EN55024,CISPR 22,CSA 22.2 No. 60950,UL 60950-1,IEC 60950-1,EN 60950-1,FCC Part 15 B Class A
Localisation	English / Europe

Dimensions &Weight

Width	44 cm
Depth	17.3 cm
Height	4.4 cm
Weight	3 kg

Manufacturer Warranty

Service &Support	Limited warranty - advance parts replacement - lifetime

Environmental Parameters

Min Operating Temperature	0 °C

Max Operating Temperature	40 °C
Humidity Range Operating	5 - 95% (non-condensing)
Min Storage Temperature	-40 °C
Max Storage Temperature	70 °C
Humidity Range Storage	5 - 90% (non-condensing)

What's in the box

HPE OfficeConnect 1420 24G
Rack mounting kit

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