J9834A Datasheet

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Overview

The HPE OfficeConnect PS1810 Switch Series consists of smart managed, fixed configuration Gigabit Ethernet Layer 2 switches that are purpose built to work with HP ProLiant Gen8 servers. The series switches are designed for small businesses looking for an integrated, easy to administer switch that complements the HP ProLiant Gen8 server solution. ThisJ9834A has 24 x 10/100/1000 ports and ships with a rackmount kit for rack deployments and includes SFP ports for fiber uplink connectivity. Both models have a fanless design, making them ideal for office deployments. The HPE OfficeConnect PS1810 Switch Series has a built in ability to autodiscover and monitor HP ProLiant Gen8 servers. Monitored ProLiant Gen8 servers report real time health status to the switch via the HP Integrated Lights Out (iLO) interface, enabling an integrated single pane of glass view for switch and server maintenance. Layer 2 switching features include VLANs, Spanning Tree, and link aggregation trunking. The latest energy saving capabilities like Energy Efficient Ethernet (EEE) and idle port power down are also supported on this series. Part of the OfficeConnect portfolio of small business networking products from Hewlett Packard Enterprise.

Quick Spec
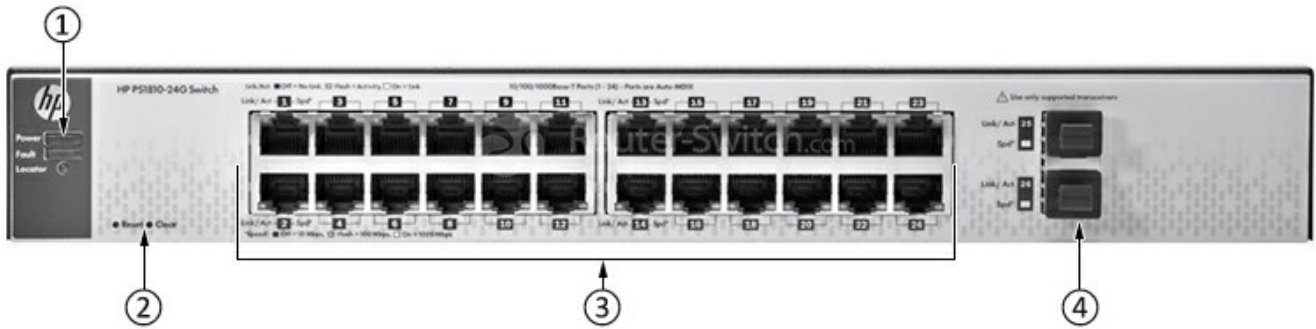
Figure 1 shows the appearance of HPE J9834A.

Table 1 shows the quick spec.

Product Code	J9834A
Type	HPE PS1810-24G Switch
Ports	· 24 × RJ-45 autosensing 10/100/1000 ports · 2 × SFP 100/1000 Mbps ports Supports a maximum of 24 autosensing 10/100/1000 ports plus 2 SFP ports, or a combination
Memory and processor	128 MB RAM Packet buffer size: 512 KB 8 MB flash
Throughput	up to 38.7 Mpps
Product dimensions (H x W x D)	12.99 x 6.81 x 1.73 in
Weight	2.2 lb

Product Details

Figure 2 shows the front panel of HPE J9834A.

Note:

(1)	Power, Fault, and Locator LEDs
(2)	Reset and Clear buttons
(3)	24 × 10/100/1000BASE-T RJ-45 ports
(4)	2 × SFP slots

Compare to Similar Items

Table 2 shows the comparison.

Product Code	J9833A	J9834A
Type	HPE PS1810-8G Switch	HPE PS1810-24G Switch
Throughput	up to 11.9 Mpps	up to 38.7 Mpps
Switching capacity	16 Gbps	52 Gbps
Ports	8 × RJ-45 autosensing 10/100/1000 ports	· 24 × RJ-45 autosensing 10/100/1000 ports · 2 × SFP 100/1000 Mbps ports Supports a maximum of 24 autosensing 10/100/1000 ports plus 2 SFP ports, or a combination

Get more information

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Specification

J9834A Specifications	
Type	HPE PS1810-24G Switch
Ports	· 24 × RJ-45 autosensing 10/100/1000 ports · 2 × SFP 100/1000 Mbps ports Supports a maximum of 24 autosensing 10/100/1000 ports plus 2 SFP ports, or a combination
Memory and processor	128 MB RAM Packet buffer size: 512 KB 8 MB flash

Latency	100 Mb Latency: < 3.4 µs 1000 Mb Latency: < 2.2 µs
Throughput	up to 38.7 Mpps
Switching capacity	52 Gbps
Management features	IMC - Intelligent Management Center Web browser HTTPS
Input voltage	100 - 127 / 200 - 240 VAC, rated
Operating temperature range	0 to 40°C
Operating humidity range	15 to 95% @ 104°F (40°C)
Power consumption	22 W (maximum)
Product dimensions (H x W x D)	12.99 x 6.81 x 1.73 in
Weight	2.2 lb

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