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Overview

HPE OfficeConnect 1910 Series switches are Fast Ethernet web managed "smart" switches supporting Layer 3 static routing, Access Control Lists, 802.1X network login HP Networking's most advanced Fast Ethernet smart switch offering. This JG540A has 48 x 10/100 ports, 2x 10/100/1000 ports, and two non combo Gigabit SFP ports for fiber connectivity. Notable additional features include three levels of Spanning Tree Protocol STP, RSTP, MSTP IPv4/IPv6 management and routing, STP root guard, and ARP and DOS attack protection. Part of the OfficeConnect portfolio of small business networking products from Hewlett Packard Enterprise.

Quick Spec

Figure 1 shows the appearance of HPE JG540A.

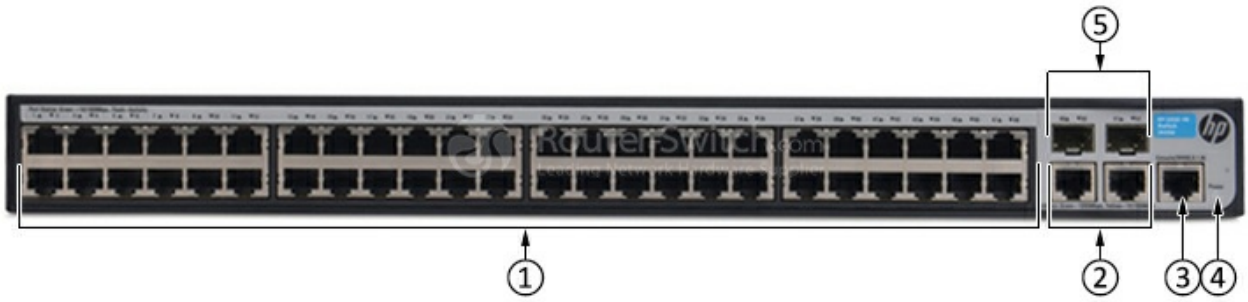


Table 1 shows the quick spec.

Product Code	JG540A
Type	HPE OfficeConnect 1910 48 Switch
Ports	<ul style="list-style-type: none"> · 48 RJ-45 autosensing 10/100 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX) Duplex: half or full 2 SFP 100/1000 Mbps slots (IEEE 802.3u Type 100BASE-FX, IEEE 802.3z Type 1000BASE-X) · 2 RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T) Duplex: 10BASE-T/100BASE-TX: half or full 1000BASE-T: full only · 1 RJ-45 console port to access limited CLI port · Supports a maximum of 48 autosensing 10/100 ports plus 2 autosensing 10/100/1000 ports plus 2 SFP 100/1000 slots
Throughput	up to 13.1 Mp/s (64-byte packets)
Routing/switching capacity	17.6 Gb/s
Dimensions (H x W x D)	4.4 x 44 x 17.3 cm (1.73 x 17.32 x 6.81 in)
Weight	2.3 kg (5.07 lb)

Product Details

Figure 2 shows the front panel of HPE JG540A.



Note:

(1)	10/100Base-T auto-sensing Ethernet port
(2)	100/1000Base-T auto-sensing Ethernet port
(3)	Console port
(4)	Power LED (Power)
(5)	1000Base-X SFP port

Figure 3 shows the back panel of HPE JG540A.



Note:

(1)	Grounding screw
(2)	AC power connector

Compare to Similar Items

Table 2 shows the comparison.

Product Code	JG536A	JG537A	JG538A	JG539A	JG540A
Type	HPE OfficeConnect 1910 8 Switch	HPE OfficeConnect 1910 8 PoE+ Switch	HPE OfficeConnect 1910 24 Switch	HPE OfficeConnect 1910 24 PoE+ Switch	HPE OfficeConnect 1910 48 Switch
PoE Supported	No	62 W PoE+	No	180 W PoE+	No
Throughput	up to 4.2 Mp/s (64-byte packets)	up to 4.2 Mp/s (64-byte packets)	up to 6.6 Mp/s (64-byte packets)	up to 6.6 Mp/s (64-byte packets)	up to 13.1 Mp/s (64-byte packets)

Routing/Switching capacity	5.6 Gb/s	5.6 Gb/s	8.8 Gb/s	8.8 Gb/s	17.6 Gb/s
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Get more information

Do you have any question about the JG540A?

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Specification

JG540A Specifications	
Type	HPE OfficeConnect 1910 48 Switch
Ports	<ul style="list-style-type: none"> · 48 RJ-45 autosensing 10/100 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX) Duplex: half or full 2 SFP 100/1000 Mbps slots (IEEE 802.3u Type 100BASE-FX, IEEE 802.3z Type 1000BASE-X) · 2 RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T) Duplex: 10BASE-T/100BASE-TX: half or full 1000BASE-T: full only · 1 RJ-45 console port to access limited CLI port · Supports a maximum of 48 autosensing 10/100 ports plus 2 autosensing 10/100/1000 ports plus 2 SFP 100/1000 slots
Memory and processor Module	MIPS @ 500 MHz, 32 MB flash, 128 MB RAM; packet buffer size: 1.5 MB
Management	IMC - Intelligent Management Center limited command-line interface Web browser SNMP Manager IEEE 802.3 Ethernet MIB
Mounting	Mounts in an EIA-standard 19 in. telco rack or equipment cabinet (hardware included)
100Mb Latency	< 5 μ s
1000Mb Latency	< 5 μ s
Throughput	up to 13.1 Mp/s (64-byte packets)
Routing/Switching capacity	17.6 Gb/s
Routing table size	32 entries (IPv4) 32 entries (IPv6)
MAC address table size	8192 entries
Dimensions (H x W x D)	4.4 x 44 x 17.3 cm (1.73 x 17.32 x 6.81 in)
Weight	2.3 kg (5.07 lb)
Voltage	100-240 V ac
Frequency	50/60 Hz
Maximum power rating	22 W
Operating temperature	0° to 40°C (32° to 104°F)
Operating relative humidity	10% to 90%, non-condensing
Non-operating/Storage temperature	-40° to 70°C (-40° to 158°F)

Non-operating/Storage relative humidity	10% to 95%, noncondensing
Safety	IEC 60950-1 EN 60950-1 UL 60950-1 2nd Edition CSA C22.2 No. 60950-1-07 2nd Edition
Emissions	FCC part 15 Class A VCCI Class A EN 55022 Class A CISPR 22 Class A EN 55024 EN 61000-3-2 2000 61000-3-3 ICES-003 Class A
Device management	RFC 2819 RMON
General protocols	IEEE 802.1D MAC Bridges IEEE 802.1p Priority IEEE 802.1Q VLANs IEEE 802.1s (MSTP) IEEE 802.1w Rapid Reconfiguration of Spanning Tree IEEE 802.3 Type 10BASE-T IEEE 802.3ab 1000BASE-T IEEE 802.3ad Link Aggregation Control Protocol (LACP) IEEE 802.3i 10BASE-T IEEE 802.3x Flow Control IEEE 802.3z 1000BASE-X
MIBs	RFC 1213 MIB II RFC 1493 Bridge MIB RFC 2021 RMONv2 MIB RFC 2233 Interface MIB RFC 2571 SNMP Framework MIB RFC 2572 SNMP-MPD MIB RFC 2573 SNMP-Notification MIB RFC 2573 SNMP-Target MIB RFC 2613 SMON MIB RFC 2618 RADIUS Client MIB RFC 2620 RADIUS Accounting MIB RFC 2665 Ethernet-Like-MIB RFC 2667 IP Tunnel MIB RFC 2668 802.3 MAU MIB RFC 2674 802.1p and IEEE 802.1Q Bridge MIB RFC 2737 Entity MIB (Version 2) RFC 3414 SNMP-User based-SM MIB RFC 3415 SNMP-View based-ACM MIB RFC 3418 MIB for SNMPv3
Network management	IEEE 802.1AB Link Layer Discovery Protocol (LLDP) IEEE 802.1D (STP)
QoS/CoS	IEEE 802.1P (CoS)
Security	IEEE 802.1X Port Based Network Access Control

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