

HEWLETT PACKARD ENTERPRISE

HPE Aruba Networking Networking Instant On Switch 12p 10GBT 4p SFP+ 1960

SKU: 25011820 · EAN: 0190017521770

SPECIFIKAT TEKNIKE	
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ATRIBUTI	VLERA
Management features	
Switch type	Managed
Switch layer	L2+
Quality of Service (QoS) support	Yes
Web-based management	Yes
Cloud-managed	Yes
System event log	Yes
Ports & interfaces	
Basic switching RJ-45 Ethernet ports quantity	12
Basic switching RJ-45 Ethernet ports type	10G Ethernet (100/1000/10000)
SFP+ module slots quantity	4
Network	
Networking standards	IEEE 802.1x
10G support	Yes
Port mirroring	Yes
Full duplex	Yes
Flow control support	Yes
Link aggregation	Yes
Rate limiting	Yes
Auto MDI/MDI-X	Yes
Spanning tree protocol	Yes
Auto-sensing	Yes
VLAN support	Yes
Data transmission	
Switching capacity	320 Gbit/s
Throughput	238 Mpps
MAC address table	16000 entries

Latency (10-100 Mbps)	7.4 µs
Latency (1 Gbps)	4.2 µs
Latency (10 Gbps)	1.1 µs
Jumbo frames support	Yes
Jumbo frames	9216
Packet buffer memory	1.5 MB
Security	
DHCP features	DHCP snooping
Access Control List (ACL)	Yes
IGMP snooping	Yes
SSH/SSL support	Yes
Authentication	Port-based authentication
Authentication type	RADIUS
Multicast features	
Multicast support	Yes
Protocols	
IPv4 & IPv6 features	IPv4/IPv6 access-control list (ACL)
IPv4 FIB entries	512
IPv6 FIB entries	512
Design	
Rack mounting	Yes
Stackable	Yes
Form factor	1U
Product colour	White
Performance	
Physical stacking (units)	4
Built-in processor	Yes
Processor model	ARM Cortex-A9
Processor frequency	800 MHz
Memory type	DDR3-SDRAM
Internal memory	1024 MB
Flash memory	512 MB
Power	
Power source	AC
Power supply included	Yes

AC input voltage	200 - 240 V
AC input frequency	50 - 60 Hz
Power consumption (max)	160 W
Power consumption note	Maximum: 100-127V: 130W 200-220V: 160W Idle: 100-127V: 60W 200-220V: 80W
Power over Ethernet (PoE)	
Power over Ethernet (PoE)	No
Other features	
Memory and processor	Single-Core ARM v7 Cortex-A9 @800 MHz; 1 GB DDR3; 512 MB NAND flash; Packet buffer size: 1.5 MB
I/O ports	12 RJ-45 autosensing 1000/10 GBASE-T ports (IEEE 802.3ab Type 1000 BASE-T, IEEE 802.3an 10 GBASE-T); Duplex: 100 BASE-TX: half or full; 1000 BASE-T: full only 10 GBASE-T: full only 4 SFP+ 10GbE ports
Performance management	HPE Networking Instant On Cloud; Web browser; SNMP Manager
Weight (imperial)	4.35 kg (9.6 lbs)
Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-40 - 70 °C
Operating relative humidity (H-H)	15 - 95%
Storage relative humidity (H-H)	15 - 90%
Operating altitude	0 - 3000 m
Weight & dimensions	
Width	350.5 mm
Depth	442.5 mm
Height	44 mm
Weight	4.3 kg
Logistics data	
Harmonized System (HS) code	85176990