imcopex

HPE Aruba 2930M 24G 1-Slot - Switch

L3 - Managed - 20 x 10/100/1000 + 4 x combo Gigabit SFP - rack-mountable

Group	Network Equipment
Manufacturer	HPE
Manufacturer item no.	JL319A
EAN/UPC	0190017071190

Description

The Aruba 2930M Switch series is designed for customers creating digital workplaces that are optimized for mobile users with an
integrated wired and wireless approach. These Layer 3 access switches are easy to deploy and manage with advanced security and
network management tools like Aruba ClearPass Policy Manager and Aruba AirWave. With support from cloud-based Aruba
Central, you can quickly set up remote offices with little or no IT support. A powerful Aruba ProVision ASIC delivers performance
and value with support of the SDN apps with future proof programmability for tomorrow's applications. High performance
modular stacking for up to 10 switches provides simplicity, scalability with a pay as you grow approach.

Main features

Product Description	HPE Aruba 2930M 24G 1-Slot - switch - 24 ports - Managed - rack-mountable
Device Type	Switch - 24 ports - L3 - Managed - stackable
Enclosure Type	Rack-mountable 1U
Subtype	Gigabit Ethernet
Ports	20 x 10/100/1000 + 4 x combo Gigabit SFP
Performance	Throughput: 95.2 Mpps ¦ Switching capacity: 128 Gbps ¦ Latency (1 Gbps): 3.1 µs ¦ Latency (10 Gbps): 3.4 µs ¦ Latency (10 Mbps): 98.5 µs ¦ Latency (100 Mbps): 11.8 µs
Capacity	Jumbo frame size: 9220 ¦ IPv4 routing table entries: 2000 ¦ IPv6 routing table entries: 1000
MAC Address Table Size	32768 entries
Routing Protocol	OSPF, RIP, RIP-1, RIP-2, IGMPv2, IGMP, OSPFv2, static IP routing, IGMPv3, OSPFv3, static IPv4 routing, static IPv6 routing, ECMP, RIPng, MLD, CIDR
Remote Management Protocol	SNMP 1, SNMP 2, RMON 1, SNMP, Telnet, SNMP 3, SNMP 2c, HTTP, SSH, SSH-2, CLI, XRMON
Features	Flow control, full duplex capability, DHCP support, BOOTP support, ARP support, VLAN support, IGMP snooping, Syslog support, DiffServ support, IPv6 support, SNTP support, sFlow, Spanning Tree Protocol (STP) support, Multiple

	Spanning Tree Protocol (MSTP) support, Access Control List (ACL) support, Quality of Service (QoS), Jumbo Frames support, DHCP server, MLD snooping, STP Root Guard, Uni-Directional Link Detection (UDLD), LLDP support, Link Aggregation Control Protocol (LACP), Management Information Base (MIB), MAC address lockout, dynamic ARP protection, DHCP protection, Dynamic VLAN Support (GVRP), Multiple VLAN Registration Protocol (MVRP), Neighbor Discovery Protocol (NDP), Class of Service (CoS), Type of Service (ToS), OpenFlow support, CPU protection, Internet Control Message Protocol (ICMP), ICMP Router Discovery Protocol (IRDP), Virtual Extensible LAN (VXLAN), Management Information Base (MIB) II, LLDP-MED, STP BPDU Guard
Compliant Standards	IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3af, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 802.1v, IEEE 802.3az, IEEE 802.1AX, IEEE 802.3bz
Power	AC 120/230 V (50/60 Hz)
Dimensions (WxDxH)	44.25 cm x 32.43 cm x 4.39 cm
Weight	4.45 kg

Extended details

	General
Device Type	Switch - 24 ports - L3 - Managed - stackable
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Remote Management Protocol	SNMP 1, SNMP 2, RMON 1, SNMP, Telnet, SNMP 3, SNMP 2c, HTTP, SSH, SSH-2, CLI, XRMON
Encryption Algorithm	MD5, SSL, TLS
Authentication Method	RADIUS, PAP, CHAP, TACACS, TACACS+, Secure Shell v.2 (SSH2), Extensible Authentication Protocol (EAP)
Features	Flow control, full duplex capability, DHCP support, BOOTP support, ARP support, VLAN support, IGMP snooping, Syslog support, DiffServ support, IPv6 support, SNTP support, sFlow, Spanning Tree Protocol (STP) support, Multiple Spanning Tree Protocol (MSTP) support, Access Control List (ACL) support, Quality of Service (QoS), Jumbo Frames support, DHCP server, MLD snooping, STP Root Guard, Uni-Directional Link Detection (UDLD), LLDP support, Link Aggregation Control Protocol (LACP), Management Information Base (MIB), MAC address lockout, dynamic ARP protection, DHCP protection, Dynamic VLAN Support (GVRP), Multiple VLAN Registration Protocol (MVRP), Neighbor Discovery Protocol (NDP), Class of Service (CoS), Type of Service (ToS), OpenFlow support, CPU protection, Internet Control Message Protocol (ICMP), ICMP Router Discovery Protocol (IRDP), Virtual Extensible LAN (VXLAN), Management Information Base (MIB) II, LLDP-MED, STP BPDU Guard

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Processor	1 x ARM Cortex-A9: 1.016 GHz
RAM	1 GB DDR3 SDRAM
Flash Memory	4 GB
	Expansion / Connectivity
Interfaces	20 x 1000Base-T RJ-45 ¦ 4 x 1000Base-T ¦ 1 x serial (console) ¦ 1 x USB Type B ¦ 1 x 1000Base-T management
Expansion Slots	1 (total) / 1 (free) x Stacking Module ¦ 1 (total) / 1 (free) x Expansion Slot
	Power
Power Device	Internal power supply
Installed Qty	0 (installed) / 2 (max)
Voltage Required	AC 120/230 V (50/60 Hz)
Power Consumption Operational	93 Watt
80 PLUS Certification	80 PLUS Silver
	Miscellaneous
Compliant Standards	CISPR 22 Class A, CISPR 24, EN 61000-3-2, 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, EN 61000-3-3, ICES-003 Class A, UL 60950-1 Second Edition, CSA C22.2 No. 60950-1-07 Second Edition, VCCI Class A, IEC 60825-1:2007, CNS 13438, EN 55024:2010, EN 55022:2010, IEC 60950-1:2005 + A1:2009 + A2:2013, EN 60825-1:2007, FCC CFR47 Part 15 A, EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013
	Dimensions & Weight
Width	44.25 cm
Depth	32.43 cm
Height	4.39 cm
Weight	4.45 kg
	Manufacturer Warranty
Service & Support	Limited warranty - lifetime
	Environmental Parameters
Min Operating Temperature	0 °C
Max Operating Temperature	55 °C
Humidity Range Operating	15 - 95% (non-condensing)
Min Storage Temperature	-40 °C
Max Storage Temperature	70 °C
Humidity Range Storage	90% (non-condensing)

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