

HPE Aruba 2930M 40G 8 HPE Smart Rate PoE+ 1-slot Switch

Switch - L3 - Managed - 36 x 10/100/1000 (PoE+) + 4 x combo 10/100/1000Base-T (PoE+) / 100/1000Base-X SFP + 8 x 1/2.5/5/10GBase-T (PoE+) - rack-mountable - PoE+ (1440 W)



Group	Network Equipment
Manufacturer	HPE
Manufacturer item no.	JL323A
EAN/UPC	0190017071275

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 advanced SDN apps with future proof programmability for tomorrow's applications. High performance modular stacking for up to 10 switches provides pay as you grow scalability and simplicity. The Aruba 2930M Switch Series provides a convenient and cost-effective access switch solution that can be quickly set up with Zero Touch Deployment.

Main features

Product Description	HPE Aruba 2930M 40G 8 HPE Smart Rate PoE+ 1-slot Switch - switch - 48 ports - Managed - rack-mountable
Device Type	Switch - 48 ports - L3 - Managed - stackable
Enclosure Type	Rack-mountable 1U
Subtype	Gigabit Ethernet
Ports	36 x 10/100/1000 (PoE+) + 4 x combo 10/100/1000Base-T (PoE+) / 100/1000Base-X SFP + 8 x 1/2.5/5/10GBase-T (PoE+)
Power Over Ethernet (PoE)	PoE+
PoE Budget	1440 W
Performance	Latency (1 Gbps): 3.1 μ s Latency (2.5 Gbps): 6.5 μ s Latency (5 Gbps): 4.2 μ s Latency (10 Gbps): 3.4 μ s Throughput: 112 Mpps Stacking bandwidth: 100 Gbps Switching capacity: 320 Gbps
Capacity	IPv4 routing table entries: 2000 IPv6 routing table entries: 1000 OSPF routes: 200 RIP routes: 10000 Static routes: 256
MAC Address Table Size	32768 entries
Jumbo Frame Support	9220 bytes
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 802.1ad, IEEE 802.1v, IEEE 802.1ab (LLDP), IEEE 802.3at, 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 - 48 ports - L3 - Managed - stackable
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Jumbo Frame Support	9220 bytes
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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	36 x 1000Base-T PoE+ 4 x 1000Base-T PoE+ 8 x 1/2.5/5/10GBase-T PoE+ 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)
	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)

