

HPE Aruba 2930M 40G 8 HPE Smart Rate PoE Class 6 1-slot Switch

Switch - L3 - Managed - 36 x 10/100/1000 + 4 x combo Gigabit SFP + 8 x 1/2.5/5/10GBase-T (PoE Class 6) - rack-mountable - PoE Class 6 (1440 W)



Group	Network Equipment
Manufacturer	HPE
Manufacturer item no.	R0M67A
EAN/UPC	0190017311388

Description

The Aruba 2930M Switch Series is designed for digital workplaces optimized for mobile users. These powerful Layer 3 access switches are easy to deploy and manage with advanced security and network management tools like Aruba ClearPass Policy Manager, Aruba AirWave and cloud-based Aruba Central. Modular stacking, uplinks and power provide scalability and simplicity for enterprise edge, SMB and branch office networks. The 2930M delivers performance and value with support for static, RIP and Access OSPF routing, 10GbE and 40GbE uplinks, models with 24 ports of HPE Smart Rate multi-gigabit Ethernet, up to 1440W of PoE, robust QoS, and Dynamic Segmentation for unified and secure access.

Main features

Product Description	HPE Aruba 2930M 40G 8 HPE Smart Rate PoE Class 6 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 + 4 x combo Gigabit SFP + 8 x 1/2.5/5/10GBase-T (PoE Class 6)
Power Over Ethernet (PoE)	PoE Class 6
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, RIPvng, 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, IEEE 802.3bt
Power	AC 120/230 V (50/60 Hz) - power supply not installed
Dimensions (WxDxH)	44.25 cm x 32.43 cm x 4.39 cm
Weight	4.49 kg

Extended details	
	General
Device Type	Switch - 48 ports - L3 - Managed - stackable
Enclosure Type	Rack-mountable 1U
Subtype	Gigabit Ethernet
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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
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	40 x 1000Base-T RJ-45 4 x Gigabit LAN SFP 8 x 1/2.5/5/10GBase-T RJ-45 PoE Class 6 - 60 W 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 (not installed)
Max Supported Qty	2
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	4.49 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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