

HPE Aruba 6100 12G Class4 PoE 2G/2SFP+ 139W Switch

Switch - Managed - 12 x 10/100/1000 (PoE+) + 2 x 1 Gigabit / 10 Gigabit SFP+ + 2 x 1000Base-T - rack-mountable - PoE+ (139 W)

Group	Network Equipment
Manufacturer	HPE
Manufacturer item no.	JL679A#ABB
EAN/UPC	0190017348964



Description

The Aruba CX 6100 switch series is a modern family of entry-level access switches ideal for branch offices, mid-market enterprise, and SMB networks. Designed for reliable, simple, and secure access, the Aruba CX 6100 switch provides a convenient wired access solution for enterprise networks supporting IoT, mobile, and cloud applications. Prepare your network for unpredictable demands with a powerful Aruba ASIC architecture and programmable AOS-CX operating system used across the Aruba CX portfolio to deliver a more consistent, more efficient operator experience. This switch series has convenient built-in high-speed uplinks to support IoT devices such as security cameras and wireless APs. A compact and fanless model is ideal for use in quiet work spaces.

Main features

Product Description	HPE Aruba 6100 12G Class4 PoE 2G/2SFP+ 139W Switch - switch - 16 ports - Managed - rack-mountable
Device Type	Switch - 16 ports - Managed - stackable
Enclosure Type	Rack-mountable 1U
Subtype	10 Gigabit Ethernet
Ports	12 x 10/100/1000 (PoE+) + 2 x 1 Gigabit / 10 Gigabit SFP+ + 2 x 1000Base-T
Power Over Ethernet (PoE)	PoE+
PoE Budget	139 W
Performance	Switching capacity: 68 Gbps Throughput: 45.1 Mpps Latency (1 Gbps): 2.3 µs Latency (10 Gbps): 2.6 µs
Capacity	Switched virtual interfaces (SVIs): 16 ARP entries: 1024 IPv4 routes (Unicast): 512 IPv6 routes (Unicast): 512 IGMP groups: 512 MLD groups: 512 IPv4 ACL entries (ingress): 256 IPv6 ACL entries (ingress): 128 MAC ACL entries (ingress): 256
MAC Address Table Size	8192 entries
Routing Protocol	IGMPv2, IGMPv3
Features	Flow control, BOOTP support, ARP support, VLAN support, DiffServ support, IPv6 support, SNTP support, sFlow, Multiple Spanning Tree Protocol (MSTP) support, Trivial File Transfer Protocol (TFTP) support, MLD snooping, fanless, LACP support, LLDP support, port based access control, DHCP client, Energy Efficient Ethernet, Management Information Base (MIB), Network Access Control (NAC), Neighbor Discovery Protocol (NDP), SNMP support, Internet Control Message Protocol (ICMP), EntityMIB, DNS client, LLDP-MED, User Datagram Protocol (UDP), Rapid Reconfiguration of Spanning Tree (RSTP), IPv6 addressing

Compliant Standards	IEEE 802.3, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1s, IEEE 802.3at, IEEE 802.3az
Power	AC 230V (50/60 Hz)
Dimensions (WxDxH)	25.4 cm x 25.5 cm x 4.39 cm
Weight	2.78 kg
Localisation	English / Europe

Extended details

General	
Device Type	Switch - 16 ports - Managed - stackable
Enclosure Type	Rack-mountable 1U
Subtype	10 Gigabit Ethernet
Ports	12 x 10/100/1000 (PoE+) + 2 x 1 Gigabit / 10 Gigabit SFP+ + 2 x 1000Base-T
Power Over Ethernet (PoE)	PoE+
PoE Budget	139 W
Performance	Switching capacity: 68 Gbps Throughput: 45.1 Mpps Latency (1 Gbps): 2.3 µs Latency (10 Gbps): 2.6 µs
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MAC Address Table Size	8192 entries
Routing Protocol	IGMPv2, IGMPv3
Encryption Algorithm	SSL
Authentication Method	Secure Shell (SSH), RADIUS, TACACS+, Secure Shell v.2 (SSH2)
Features	Flow control, BOOTP support, ARP support, VLAN support, DiffServ support, IPv6 support, SNTP support, sFlow, Multiple Spanning Tree Protocol (MSTP) support, Trivial File Transfer Protocol (TFTP) support, MLD snooping, fanless, LACP support, LLDP support, port based access control, DHCP client, Energy Efficient Ethernet, Management Information Base (MIB), Network Access Control (NAC), Neighbor Discovery Protocol (NDP), SNMP support, Internet Control Message Protocol (ICMP), EntityMIB, DNS client, LLDP-MED, User Datagram Protocol (UDP), Rapid Reconfiguration of Spanning Tree (RSTP), IPv6 addressing
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Processor	1 x ARM A9: 1.016 GHz
RAM	4 GB DDR3 SDRAM
Flash Memory	16 GB
Expansion / Connectivity	
Interfaces	12 x 10/100/1000 Base-T RJ-45 2 x 1/10Gbit LAN SFP+ 1 x USB-C console 1 x USB Type A 2 x Gigabit LAN
Power	
Power Device	Internal power supply
Power Provided	165 Watt 0.9 A
Voltage Required	AC 230V (50/60 Hz)

Power Consumption Operational	16 Watt
	Miscellaneous
Compliant Standards	FCC Class A certified, 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, Laser Class 1, UL 60950-1 Second Edition, EN 60825, VCCI Class A, EN 60825-1:2007, CAN/CSA C22.2 No. 60950 Second Edition, IEC 60825-1:2007 Class 1, EN 55022/CISPR 22 Class A, RFC1213, RFC1493, RFC2674, IEC/EN 60950-1, RFC768, RFC2460, RFC2925, RFC1591, RFC783, RFC792
Localisation	English / Europe
	Dimensions & Weight
Width	25.4 cm
Depth	25.5 cm
Height	4.39 cm
Weight	2.78 kg
	Manufacturer Warranty
Service & Support	Limited warranty - lifetime
	Environmental Parameters
Min Operating Temperature	0 °C
Max Operating Temperature	45 °C
Humidity Range Operating	15 - 95% (non-condensing)
Humidity Range Storage	15 - 90% (non-condensing)

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