

Overview

Designed for reliable, simple, and secure access, the Aruba CX 6100 switches provide a convenient wired access solution for enterprise networks supporting IoT, mobile, and cloud applications.

Quick Specs

Figure 1 shows the appearance of JL676A.



Table 1 shows the Quick Specs.

Product Code	JL676A
Subtype	10 Gigabit Ethernet
Ports	48 x 10/100/1000 + 4 x 1 Gigabit / 10 Gigabit SFP+
Power Device	Internal power supply
Power Provided	65 Watt 0.5 A

Product Details

Figure 2 shows the front panel of JL676A.



Figure 3 shows the back panel of JL676A.



JL676A provides these features:

- Enterprise-class Layer 2 connectivity with support for ACLs, robust QoS and static routing
- Convenient built-in 1/10GbE uplinks and up to 370W of Class 4 PoE for support of IoT devices
- Compact and fanless 12 port model for quiet deployment
- Manage via single pane of glass with Aruba Central across wired, wireless, and WAN
- Automated configuration and verification with Aruba NetEdit
- Software defined ready with REST APIs
- Simplify adds, moves and changes with colorless ports

Compare to Similar Items

Table 2 shows the comparison of JL676A.

Module	JL676A	JL677A
Subtype	10 Gigabit Ethernet	10 Gigabit Ethernet
Ports	48 x 10/100/1000 + 4 x 1 Gigabit / 10 Gigabit SFP+	24 x 10/100/1000 + 4 x 1 Gigabit / 10 Gigabit SFP+
Power Device	Internal power supply	Internal power supply
Power Provided	65 Watt 0.5 A	500 Watt 2.3 A

Get More Information

Do you have any question about the **JL676A**?

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Specification

JL676A specification	
General	
Device Type	Switch - 52 ports - managed - stackable
Enclosure Type	Side to side airflow rack-mountable 1U
Subtype	10 Gigabit Ethernet
Ports	48 x 10/100/1000 + 4 x 1 Gigabit / 10 Gigabit SFP+
Performance	Switching capacity: 176 Gbps Throughput: 98.6 Mpps Latency (1 Gbps): 1.9 μs Latency (10 Gbps): 1.8 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
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, 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 802.3az
Processor	1 x ARM A9: 1.016 GHz
RAM	4 GB DDR3 SDRAM
Flash Memory	16 GB
Expansion / Connectivity	
Interfaces	24 x 10/100/1000 Base-T RJ-45 4 x 1/10Gbit LAN SFP+ 1 x USB-C console 1 x USB Type A
Power	
Power Device	Internal power supply
Power Provided	65 Watt 0.5 A
Voltage Required	AC 230 V (50/60 Hz)
Power Consumption Operational	20.6 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
Localization	English / United States
Dimensions	
Width	17.4 in
Depth	9.7 in
Height	1.7 in
Environmental Parameters	
Min Operating Temperature	32 °F
Max Operating Temperature	113 °F

Humidity Range Operating	15 - 95% (non-condensing)
Humidity Range Storage	15 - 90% (non-condensing)

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