HPE Aruba 6200F 48G Class4 PoE 4SFP+ 370W Switch(JL727B#ACC)

HPE Aruba 6200F 48G Class4 PoE 4SFP+ 370W Switch - Switch - Max. Stacking Distance 10 kms - L3 - Managed - 48 x 10/100/1000 (PoE+) + 4 x 1 Gigabit / 10 Gigabit SFP+ (uplink) - front and side to back - rack-mountable - PoE+ (370 W) - BTO

The Aruba CX 6200 Switch Series delivers unparalleled visibility with built-in analytics for real-time monitoring and troubleshooting to help fix problems faster. The Aruba Network Analytics Engine (NAE) automatically interrogates and analyzes events that can impact network health. Advanced telemetry and automation provide the ability to easily identify and troubleshoot network, system, application, and security related issues easily through the use of Python agents and REST APIs. The Time Series Database (TSDB) stores configuration and operational state data, making it available to quickly resolve network issues.

The Aruba CX 6200 Switch Series uses a fully distributed architecture with Aruba Gen7 ASICs that delivers very low latency, increased packet buffering, and adaptive power consumption. All switching and routing are wire-speed to meet the demands of bandwidth-intensive applications. Aruba Virtual Switching Framework (VSF) allows you to quickly grow your network using high performance front-plane stacking. Create eight member stacks using built-in SFP+ ports with flexibility to create stacks that span longer distances using long-range transceivers.

The Aruba CX 6200 Switch Series supports Aruba Dynamic Segmentation that automatically applies and enforces user, device, and application-aware policies on Aruba wired and wireless infrastructures. Automated device profiling, role-based access control, and Layer 7 firewall features deliver enhanced visibility and performance for a better overall experience for both IT and end-users alike.

Key Selling Points

Enterprise-class connectivity with support for ACLs, robust QoS, and common protocols such as static and Access OSPF routing
Scalability with eight member VSF stacking
Convenient built-in 1/10GbE uplinks and up to 740W of Class 4 PoE with intelligent monitoring and visibility via Aruba Network Analytics Engine
Aruba NetEdit support for automation, configuration and verification, and one touch deployment with the Aruba CX Mobile App
Aruba Dynamic Segmentation enables enhanced security and simple access for users and IoT

Product Features

Automation and analytics
The Aruba CX 6200 Switch Series delivers unparalleled visibility with built-in analytics for real-time monitoring and troubleshooting to help fix problems faster. The Aruba Network Analytics Engine (NAE) automatically interrogates and analyzes events that can impact network health. Advanced telemetry and automation provide the ability to easily identify and troubleshoot network, system, application, and security related issues easily through the use of Python agents and REST APIs. The Time Series Database (TSDB) stores configuration and operational state data, making it available to quickly resolve network issues.

Performance and power
The Aruba CX 6200 Switch Series uses a fully distributed architecture with Aruba Gen7 ASICs that delivers very low latency, increased packet buffering, and adaptive power consumption. All switching and routing are wire-speed to meet the demands of bandwidth-intensive applications. Aruba Virtual Switching Framework (VSF) allows you to quickly grow your network using high performance front-plane stacking. Create eight member stacks using built-in SFP+ ports with flexibility to create stacks that span longer distances using long-range transceivers.

Smarter segmentation
The Aruba CX 6200 Switch Series supports Aruba Dynamic Segmentation that automatically applies and enforces user, device, and application-aware policies on Aruba wired and wireless infrastructures. Automated device profiling, role-based access control, and Layer 7 firewall features deliver enhanced visibility and performance for a better overall experience for both IT and end-users alike.

Main Specifications

Product Description	HPE Aruba 6200F 48G Class4 PoE 4SFP+ 370W Switch - switch - Max. Stacking Distance 10 kms - 48 ports - Managed - rack-mountable
Device Type	Switch - 48 ports - L3 - Managed - stackable
Enclosure Type	Front and side to back rack-mountable 1U
Subtype	Gigabit Ethernet
Ports	48 x 10/100/1000 (PoE+) + 4 x 1 Gigabit / 10 Gigabit SFP+ (uplink)

Power Over Ethernet (PoE)	PoE+
PoE Budget	370 W
Performance	Latency (1 Gbps): 2.28 µs ¦ Latency (10 Gbps): 1.46 µs
Capacity	Packet buffer size: 8 MB
MAC Address Table Size	32768 entries
Jumbo Frame Support	9220 bytes
Routing Protocol	IGMP, IGMPv2, IGMPv3, RIP-2, OSPFv2, OSPFv3, MLD, MLDv2
Remote Management Protocol	RMON, CLI, MIB
Features	UTM, UDLD, VRRP support, DWRR, CoS, ToS, EQS, RPVST+, BPDU, Address Resolution Protocol, LLDP, TPM
Compliant Standards	IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3ad (LACP), IEEE 802.1D, IEEE 802.1w, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1ab (LLDP), IEEE 802.1x
Dimensions (WxDxH)	44.25 cm x 30.43 cm x 4.37 cm
Weight	4.87 kg
Localisation	English / United Kingdom
Pricing Type	BTO
Manufacturer Warranty	Limited lifetime warranty

Extended Specification

General

Device Type	Switch - 48 ports - L3 - Managed - stackable
Enclosure Type	Front and side to back rack-mountable 1U
Subtype	Gigabit Ethernet
Ports	48 x 10/100/1000 (PoE+) + 4 x 1 Gigabit / 10 Gigabit SFP+ (uplink)
Power Over Ethernet (PoE)	PoE+
PoE Budget	370 W
Performance	Latency (1 Gbps): 2.28 µs ¦ Latency (10 Gbps): 1.46 µs
Capacity	Packet buffer size: 8 MB
MAC Address Table Size	32768 entries
Jumbo Frame Support	9220 bytes
Max Units In A Stack	8
Routing Protocol	IGMP, IGMPv2, IGMPv3, RIP-2, OSPFv2, OSPFv3, MLD, MLDv2
Remote Management Protocol	RMON, CLI, MIB
Encryption Algorithm	FIPS 140-2, SSL
Authentication Method	RADIUS, TACACS+, Secure Shell v.2 (SSH2), Secure Shell (SSH)
Features	UTM, UDLD, VRRP support, DWRR, CoS, ToS, EQS, RPVST+, BPDU, Address Resolution Protocol, LLDP, TPM
Compliant Standards	IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3ad (LACP), IEEE 802.1D, IEEE 802.1w, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1ab (LLDP), IEEE 802.1x
Processor	1 x ARM Cortex-A72: 1.8 GHz
RAM	8 GB DDR4 SDRAM
Flash Memory	16 GB

Expansion / Connectivity

Interfaces	48 x 10/100/1000 Base-T RJ-45 PoE+ - 30 W ¦ 4 x 100/1000/10G SFP+ uplink ¦ 1 x USB-C console ¦ 1 x console RJ-45 ¦ 1 x management ¦ 1 x USB Type A host

Manufacturer Warranty

Service & Support	Limited warranty - lifetime

Miscellaneous

Compliant Standards	EN 62368-1:2014+A11:2017, EN 62368-1:2020+A11:2020, UL 62368-1 Third Edition, CAN/CSA C22.2 No. 62368-1:19 Third Edition, IEC 62368-1: 2014 Second Edition, IEC 62368-1:2018 Third Edition, CNS 15598-1:2020, GB 4943.1-2022, KC 62368-1: 2021-08, EN 55032:2015 /A11:2020, Class A, EN 61000-3-2:2019, EN 61000-3-3:2013, FCC 47 CFR part 15B:2021 Class A, ICES-003 Issue 7: 2020 Class A, VCCI-CISPR 32 Class A, CISPR 32:2016 Class A, AS/NZS CISPR 32:2015 Class A, CNS 15936: 2020 Class A, KS C 9832, EN 60825-1:2014, IEC 60825-1: 2014 Class 1, Laser Class 1, CISPR 35: 2016, EN 55035:2017+A11:2020, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11, EN 61000-3-2, EN 61000-3-3, IEC 61000-3-2, IEC 61000-3-3, EN 63000:2018, IEC 63000:2018
Pricing Type	BTO
Localisation	English / United Kingdom

Power

Power Device	Internal power supply

Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	45 °C
Humidity Range Operating	5 - 95% (non-condensing)
Min Storage Temperature	-40 °C
Max Storage Temperature	70 °C
Humidity Range Storage	5 - 95% (non-condensing)

Dimensions & Weight

Width	44.25 cm
Depth	30.43 cm
Height	4.37 cm
Weight	4.87 kg