

HPE Aruba Networking CX 6300 Switch Series



What's new

- The HPE Aruba Networking CX 6300 series is a family of stackable Layer 3 switches with BGP, EVPN, VXLAN, VRF, OSPF robust security, QoS, MACsec 256, PTP, AVB and LRM [1]
- Three stackable Layer 2-only HPE Aruba Networking CX 6300L switches (datasheet) with HPE Smart Rate Multi-Gigabit and MACsec 256 encryption are available for high performance access deployments.
- Powerful 7th Gen ASIC architecture provides the CX 6300 series with 880 to 1760 Gbps system switching capacity, 660 to 1310 Mpps of system throughput and up to 200 to 400 Gbps stacking bandwidth.
- High availability with choice between 2 to 10-member Virtual Switching Framework (VSF) stacking for scale,

Overview

The HPE Aruba Networking CX 6300 Switch Series is a modern, flexible, and intelligent family of stackable switches ideal for access, aggregation, and data center top-of-rack (ToR). With its cloud-native design, fully programmable operating system, and the HPE Aruba Networking CX Network Analytics Engine, the CX 6300 Series extends industry-leading monitoring and troubleshooting to the access layer. Support for HPE Aruba Networking Switch Multi-Edit Software and the CX mobile app verify that configurations are flawless and easy to deploy.

A powerful ASIC architecture delivers fast, non-blocking performance, ready for tomorrow's unpredictable demands. HPE Aruba Networking Virtual Stacking Framework (VSF) allows for stacking of up to 10 switches, providing scale and simplified management. This flexible series has built-in high speed uplinks and supports high density IEEE 802.3bt high power PoE with HPE Smart Rate multi-gigabit Ethernet for APs and IoT devices.

or 2-member Virtual Switching Extension (VSX) cluster for active-active redundancy.

- Options include 24 to 48 ports of HPE Smart Rate (1/2.5/5/10 GbE) Multi-Gigabit and 1 GbE fiber, supporting up to 90W 802.11bt PoE, all with telemetry and automation via the Network Analytics Engine
- Manage via single point of control with HPE Aruba Networking Central across wired, wireless, and WAN. Dynamic Segmentation enables enhanced security and simple access for users and IoT.

Features

High Performance and Power

The HPE Aruba Networking CX 6300 Switch Series uses a fully distributed architecture with Gen7 ASICs that deliver 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.

HPE Aruba Networking Virtual Switching Framework (VSF) allows you to quickly grow your network using high performance front plane stacking. Four built-in uplinks support speeds of up to 10, 25, 50, and 100 GbE for a total of 200 to 400 Gbps of stacking throughput per switch.

CX 6300 Series switches may be deployed in a 2-member active-active design using HPE Aruba Networking Virtual Switching Extension (VSX) and an inter-switch link (ISL) for a high availability solution that maintains state synchronization and an independent control plane across both switches. [2]

Deploy wireless access points and IoT devices with CX 6300 Series models that offer high density HPE Smart Rate Multi-Gigabit Ethernet with Class 4 (30W), Class 6 (60W), and Class 8 (90W) PoE on each port (720W, 1440W, and 2880W max PoE budget options).

CX 6300L stackable, high-performance Layer 2-only switches with static routing available for customers needing scalability, high-capacity, and cost-effective connectivity in the access layer.

Automation and Analytics

The HPE Aruba Networking CX 6300 Switch Series delivers unparalleled visibility with built-in analytics for real-time monitoring and a Time Series Database that stores configuration and operational state data, making it available to quickly resolve network issues.

Streamline network configurations at scale and provide AI-powered problem resolution for critical infrastructure platform with new AI insights in HPE Aruba Networking Central.

The HPE Aruba Networking CX Network Analytics Engine (NAE) automatically interrogates and analyzes events that can impact network health. Advanced telemetry, automation help identify and troubleshoot network, system, application, and security issues through CLI, Python agents, and REST API.

HPE Aruba Networking Switch Multi-Edit Software introduces automation that allows for rapid network-wide changes, and ensures policy conformance post network updates. Intelligent capabilities include search, edit, validation (including conformance checking), deployment, and audit features.

Import switch information into HPE Aruba Networking Switch Multi-Edit Software for simplified configuration management and to continual conformance validation.

Unified Management and Smarter Segmentation

The HPE Aruba Networking CX 6300 Switch Series is supported on HPE Aruba Networking Central for single point of control management that delivers enhanced network visibility and an expanded AI toolset, addressing the scale and demands of the most mission-critical environments.

Dynamic Segmentation that automatically applies and enforces user, device, and application-aware policies on HPE Aruba Networking wired and wireless infrastructures.

Automated device profiling, role-based access control, and Layer 7 firewall features deliver enhanced visibility and performance for a better end-user experience and streamlined IT operations. Application recognition and control available through CX Advanced Feature Pack [1].

Switch-to-switch tunnels enable scalable multi-tenancy support with VXLAN to VRF mapping, while allowing policy application via user roles [1].

Reduce manual IT operation tasks around initial deployment or on-going configuration changes to accommodate adds, moves, and changes with colorless ports using local user roles and local-MAC-Authentication (LMA).

HPE Aruba Networking Data Center Networking Solution [1]

Hewlett Packard Enterprise offers customers highly differentiated pre-engineered IT infrastructure solutions that span a wide variety HPE Compute, HPE Storage, HPE Networking that span virtualization, vSAN, HCI, HPC, MCS, Microsoft, SAP HANA, VMware, Nutanix application and IaaS service offerings.

The 10/25 and 40/100G CX switches can be deployed as part of an HPE integrated and mixed compute, storage and networking configuration and deployments.

These ready-to-deploy, integrated IT data center solutions help simplify and speed IT service delivery while reducing the time, risk, and expertise needed to deploy complex solutions.

Use these new tracking SKUs (R9FXXX) when CX switches are included in HPE integrated and mixed compute, storage and networking configuration and deployments.

Technical specifications	HPE Aruba Networking CX 6300 Switch Series
Ports	Up to 48 ports of HPE Smart Rate (1G/2.5G/5G/10 GbE)
Switching capacity	Up to 880 Gbps to 1760 Gbps, depending on model and configuration
Stacking capabilities	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches
Throughput	Up to 660 Mpps to 1310 Mpps, depending on model and configuration
Memory and processor	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration
PoE capability	Max PoE Power: Up to 370W, 720W, 1440W, 2640W, or 2880W, depending on model and installed power supplies
Management features	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON
Weight	6.02 kg, maximum, depending on model
Product dimensions	4.4 x 44.2 x 38.5 cm, maximum, depending on model
Warranty	Limited lifetime warranty. See the warranty duration.

[1] Features not supported on CX 6300L switches (S3L75A, S3L76A, S3L77A)

[2] The simultaneous use of VSF stacking and a VSX cluster is not supported. A switch may either be a member of a VSF stack or a VSX cluster.

SKU comparison

	HPE ANW CX 6300L 48p Smart Rate 100M/1G/2.5G/5G Class6/8 2p SFP56 50G 2p SFP+ 1G/10G LRM Layer2 Sw (S3L77A)	HPE Aruba Networking CX 6300F 24-port 1GbE and 4-port SFP56 Switch (JL668A)	HPE Aruba Networking CX 6300F 24-port 1GbE Class 4 PoE and 4-port SFP56 Switch (JL666A)
Power consumption	With JL086A PSU: Idle: 104W 100% Traffic Rate: 168W With JL087A PSU: Idle: 104W 100% Traffic Rate: 168W With JL670A PSU: Idle: 113W 100% Traffic Rate: 179W	Idle: 49W 100% Traffic Rate: 63W	Idle: 52W 100% Traffic Rate: 67W
Input voltage	JL670A PSU: 110V-120V/208V-240V JL086A PSU: 100V-240V JL087A PSU: 110V-240V	Fixed PSU: 100V120V/200V240V	Fixed PSU: 100V120V/200V240V
Ports	48-port Smart Rate 100M**/1G/2.5G/5G BaseT Class 8 PoE ports supporting up to 90W per port on ports 112, and up to 60W per port on ports 1348 (MACsec) 2x 10G/25G/50G SFP ports 2x 1G/10G SFP ports (LRM + MACsec) Supports PoE Standards IEEE 802.3af, 802.3at and 802.3bt (up to 90W) 1x USBC Console Port 1x RJ45 console port 1x OOBM 1x USB Type A Host port Notes: **100M use on Smart Rate ports is limited to full duplex only. For 100M half duplex support, use 1G ports on other models.	24-port 10/100/1000 BaseT ports 4x 1G/10G/25G/50G* SFP ports; Supports PoE Standards IEEE 802.3af, 802.3at; 1x USBC Console Port; 1x OOBM port; 1x USB Type A Host port Notes: *50G capability is for use with 50G DACs for both interconnect and VSF stacking. 50G transceivers and DACs are not supported on SOE91A and SOX44A switch models, which requires QSFP to SFP56 DAC cable for VSF stacking with other CX 6300F and CX 6300M switch models only. VSF stacking not supported on 1G ports.	24-port 10/100/1000 BaseT ports supporting up to 30W per port; 4x 1G/10G/25G/50G* SFP ports; Supports PoE Standards IEEE 802.3af, 802.3at; 1x USBC Console Port; 1x OOBM port; 1x USB Type A Host port Notes: *50G capability is for use with 50G DACs for both interconnect and VSF stacking. 50G transceivers and DACs are not supported on SOE91A and SOX44A switch models, which requires QSFP to SFP56 DAC cable for VSF stacking with other CX 6300F and CX 6300M switch models only. VSF stacking not supported on 1G ports.
Latency	1Gbps: 4.24Sec, 10Gbps: 1.50Sec, 25Gbps: 2.91Sec, 50Gbps: 3.49Sec	1Gbps: 2.28Sec, 10Gbps: 1.46Sec, 25Gbps: 1.90Sec, 50Gbps: 3.49Sec	1Gbps: 2.28Sec, 10Gbps: 1.46Sec, 25Gbps: 1.90Sec, 50Gbps: 3.49Sec
Switching capacity	720 Gbps	448 Gbps	448 Gbps
Stacking capabilities	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches
Throughput	535 Mpps	334 Mpps	334 Mpps

	HPE ANW CX 6300L 48p Smart Rate 100M/1G/2.5G/5G Class6/8 2p SFP56 50G 2p SFP+ 1G/10G LRM Layer2 Sw (S3L77A)	HPE Aruba Networking CX 6300F 24-port 1GbE and 4-port SFP56 Switch (JL668A)	HPE Aruba Networking CX 6300F 24-port 1GbE Class 4 PoE and 4-port SFP56 Switch (JL666A)
Memory and processor	Quad Core Arm Cortex™ A72 @ 1.8GHz, 8 GB DDR4, 32 GB eMMC 16 MB Shared Packet Buffer Memory	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration
Power supply	2 field-replaceable, hot-swappable power supply slots 1 minimum power supply required (ordered separately) Supported PSUs JL086A JL087A JL670A JL758A Max PoE Power: 2880W		
PoE capability	Max PoE Power: 2880W		Max PoE Power: 370W
Management features	1 default VRF, 1 management VRF	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON
Operating temperature	32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate -1 degree C for every 1,000 ft from 5,000 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time. No more than 96 consecutive hours and no more than 360 hours total (15 days) in 1 year.		
Warranty	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.

	HPE Aruba Networking CX 6300F 24p 10M/100M/1G 4p SFP56 50G TAA Switch (SOG98A)	HPE Aruba Networking CX 6300F 24p 10M/100M/1G Class4 PoE 4p SFP56 50G TAA Switch (SOG96A)	HPE Aruba Networking CX 6300F 48-port 1GbE and 4-port SFP56 Switch (JL667A)
Power consumption			Idle: 52W 100% Traffic Rate: 74W
Input voltage			Fixed PSU: 100V120V/200V240V
Ports	Up to 48 ports of HPE Smart Rate (1G/2.5G/5G/10 GbE)	Up to 48 ports of HPE Smart Rate (1G/2.5G/5G/10 GbE)	48-port 10/100/1000 BaseT ports 4x 1G/10G/25G/50G* SFP ports; Supports PoE Standards IEEE 802.3af, 802.3at; 1x USBC Console Port; 1x OOBM port; 1x USB Type A Host port Notes: *50G capability is for use with 50G DACs for both interconnect and VSF stacking. 50G transceivers and DACs are not supported on SOE91A and SOX44A switch models, which requires QSFP to SFP56 DAC cable for VSF stacking with other CX 6300F and CX 6300M switch models only. VSF stacking not supported on 1G ports.
Latency			1Gbps: 2.28Sec, 10Gbps: 1.46Sec, 25Gbps: 1.90Sec, 50Gbps: 3.49Sec
Switching capacity	Up to 880 Gbps to 1760 Gbps, depending on model and configuration	Up to 880 Gbps to 1760 Gbps, depending on model and configuration	496 Gbps
Stacking capabilities	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches
Throughput	Up to 660 Mpps to 1310 Mpps, depending on model and configuration	Up to 660 Mpps to 1310 Mpps, depending on model and configuration	369 Mpps
Memory and processor	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration
PoE capability		Max PoE Power: Up to 370W, 720W, 1440W, 2640W, or 2880W, depending on model and installed power supplies	

	HPE Aruba Networking CX 6300F 24p 10M/100M/1G 4p SFP56 50G TAA Switch (SOG98A)	HPE Aruba Networking CX 6300F 24p 10M/100M/1G Class4 PoE 4p SFP56 50G TAA Switch (SOG96A)	HPE Aruba Networking CX 6300F 48-port 1GbE and 4-port SFP56 Switch (JL667A)
Management features	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON
Warranty	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.

	HPE Aruba Networking CX 6300F 48-port 1GbE Class 4 PoE and 4-port SFP56 Switch (JL665A)	HPE Aruba Networking CX 6300F 48p 10M/100M/1G 4p SFP56 50G TAA Switch (SOG97A)	HPE Aruba Networking CX 6300F 48p 10M/100M/1G Class4 PoE 4p SFP56 50G TAA Switch (SOG95A)
Power consumption	Idle: 63W 100% Traffic Rate: 86W		
Input voltage	Fixed PSU: 100V120V/200V240V		
Ports	48-port 10/100/1000 BaseT PoE+ ports supporting up to 30W per port; 4x 1G/10G/25G/50G* SFP ports; Supports PoE Standards IEEE 802.3af, 802.3at; 1x USBC Console Port; 1x OOBM port; 1x USB Type A Host port Notes: *50G capability is for use with 50G DACs for both interconnect and VSF stacking. 50G transceivers and DACs are not supported on SOE91A and SOX44A switch models, which requires QSFP to SFP56 DAC cable for VSF stacking with other CX 6300F and CX 6300M switch models only. VSF stacking not supported on 1G ports.		
Latency	1Gbps: 2.28Sec, 10Gbps: 1.46Sec, 25Gbps: 1.90Sec, 50Gbps: 3.49Sec		
Switching capacity	496 Gbps	Up to 880 Gbps to 1760 Gbps, depending on model and configuration	Up to 880 Gbps to 1760 Gbps, depending on model and configuration
Stacking capabilities	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches
Throughput	369 Mpps	Up to 660 Mpps to 1310 Mpps, depending on model and configuration	Up to 660 Mpps to 1310 Mpps, depending on model and configuration
Memory and processor	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration
PoE capability	Max PoE Power: 740W		Max PoE Power: Up to 370W, 720W, 1440W, 2640W, or 2880W, depending on model and installed power supplies

	HPE Aruba Networking CX 6300F 48-port 1GbE Class 4 PoE and 4-port SFP56 Switch (JL665A)	HPE Aruba Networking CX 6300F 48p 10M/100M/1G 4p SFP56 50G TAA Switch (SOG97A)	HPE Aruba Networking CX 6300F 48p 10M/100M/1G Class4 PoE 4p SFP56 50G TAA Switch (SOG95A)
Management features	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON
Warranty	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.

	HPE Aruba Networking CX 6300L 24p Smart Rate 1G/2.5G/5G/10G CL6 2p SFP56 50G 2p SFP28 25G L2 Switch (S3L75A)	HPE Aruba Networking CX 6300L 48p Smart Rate 100M/1G/2.5G/5G CL8 2p SFP56 50G 2p SFP28 25G L2 Switch (S3L76A)	HPE Aruba Networking CX 6300M 12p CL8 PoE 36p CL6 PoE Smart Rate 1G/2.5G/5G 2p 50G 2p 10G Switch (R8S91A)
Power consumption	With JLO86A PSU: Idle: 90W 100% Traffic Rate: 143W With JLO87A PSU: Idle: 90W 100% Traffic Rate: 140W With JL670A PSU: Idle: 101W 100% Traffic Rate: 152W	With JLO86A PSU: Idle: 104W 100% Traffic Rate: 173W With JLO87A PSU: Idle: 104W 100% Traffic Rate: 173W With JL670A PSU: Idle: 115W 100% Traffic Rate: 184W	With single JLO86A PSU: Idle: 207W 100% Traffic Rate: 283W With single JLO87A PSU: Idle: 208W 100% Traffic Rate: 282W With single JL670A PSU: Idle: 211W 100% Traffic Rate: 283W
Input voltage	JL670A PSU: 110V-120V/208V-240V JLO86A PSU: 100V-240V JLO87A PSU: 110V-240V	JL670A PSU: 110V-120V/208V-240V JLO86A PSU: 100V-240V JLO87A PSU: 110V-240V	JL670A PSU: 110V-120V/208V-240V JLO86A PSU: 100V-240V JLO87A PSU: 110V-240V
Ports	24-port Smart Rate 100M**/1G/2.5G/5G/10G BaseT Class 6 PoE ports supporting up to 60W per port (MACsec) 2x 10G/25G/50G* SFP ports 2x 10G/25G SFP ports (MACsec) Supports PoE Standards IEEE 802.3af, 802.3at and 802.3bt (up to 60W) 1x USBC Console Port 1x RJ Console Port 1x OOBM port 1x USB Type A Host port Notes: *50G capability is for use with 50G DACs for both interconnect and VSF stacking. 50G transceivers and DACs are not supported on SOE91A and SOX44A switch models, which requires QSFP to SFP56 DAC cable for VSF stacking with other CX 6300F and CX 6300M switch models only. VSF stacking not supported on 1G ports. **100M use on Smart Rate ports is limited to full duplex only. For 100M half duplex support, use 1G ports on other models.	48-port Smart Rate 100M**/1G/2.5G/5G BaseT Class 8 PoE ports supporting up to 90W per port (MACsec) 2x 10G/25G/50G* SFP ports 2x 10G/25G SFP ports (MACsec) Supports PoE Standards IEEE 802.3af, 802.3at and 802.3bt (up to 90W) 1x USBC Console Port 1x RJ Console Port 1x OOBM port 1x USB Type A Host port Notes: *50G capability is for use with 50G DACs for both interconnect and VSF stacking. 50G transceivers and DACs are not supported on SOE91A and SOX44A switch models, which requires QSFP to SFP56 DAC cable for VSF stacking with other CX 6300F and CX 6300M switch models only. VSF stacking not supported on 1G ports. **100M use on Smart Rate ports is limited to full duplex only. For 100M half duplex support, use 1G ports on other models.	48-port Smart Rate 100M**/1G/2.5G/5G BaseT Class 8 PoE ports supporting up to 90W per port on ports 112, and up to 60W per port on ports 1348 (MACsec); 2x 10G/25G/50G* SFP ports; 2x 1G/10G SFP ports (LRM + MACsec); Supports PoE Standards IEEE 802.3af, 802.3at and 802.3bt (up to 90W); 1x USBC Console Port; 1x RJ Console Port; 1x OOBM port; 1x USB Type A Host port Notes: *50G capability is for use with 50G DACs for both interconnect and VSF stacking. 50G transceivers and DACs are not supported on SOE91A and SOX44A switch models, which requires QSFP to SFP56 DAC cable for VSF stacking with other CX 6300F and CX 6300M switch models only. VSF stacking not supported on 1G ports. **100M use on Smart Rate ports is limited to full duplex only. For 100M half duplex support, use 1G ports on other models.
Latency	1Gbps: 4.24Sec, 10Gbps: 1.50Sec, 25Gbps: 2.91Sec, 50Gbps1: 3.49Sec	1Gbps: 4.24Sec, 10Gbps: 1.50Sec, 25Gbps: 2.91Sec, 50Gbps1: 3.49Sec	1Gbps: 4.24Sec, 10Gbps: 1.50Sec, 25Gbps: 2.91Sec, 50Gbps1: 3.49Sec
Routing/switching capacity			880 Gbps
Switching capacity	780 Gbps	780 Gbps	720 Gbps

	HPE Aruba Networking CX 6300L 24p Smart Rate 1G/2.5G/5G/10G CL6 2p SFP56 50G 2p SFP28 25G L2 Switch (S3L75A)	HPE Aruba Networking CX 6300L 48p Smart Rate 100M/1G/2.5G/5G CL8 2p SFP56 50G 2p SFP28 25G L2 Switch (S3L76A)	HPE Aruba Networking CX 6300M 12p CL8 PoE 36p CL6 PoE Smart Rate 1G/2.5G/5G 2p 50G 2p 10G Switch (R8S91A)
Stacking capabilities	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches
Throughput	580 Mpps	580 Mpps	535 Mpps
Memory and processor	Quad Core Arm Cortex™ A72 @ 1.8GHz, 8 GB DDR4, 32 GB eMMC 16 MB Shared Packet Buffer Memory	Quad Core Arm Cortex™ A72 @ 1.8GHz, 8 GB DDR4, 32 GB eMMC 16 MB Shared Packet Buffer Memory	Quad Core Arm Cortex™ A72 @ 1.8GHz, 8 GB DDR4, 32 GB eMMC 16 MB Shared Packet Buffer Memory
Power supply	2 field-replaceable, hot-swappable power supply slots 1 minimum power supply required (ordered separately) Supported PSUs JL086A JL087A JL670A JL758A Max PoE Power: 2880W	2 field-replaceable, hot-swappable power supply slots 1 minimum power supply required (ordered separately) Supported PSUs JL086A JL087A JL670A JL758A Max PoE Power: 2880W	2 field-replaceable, hot-swappable power supply slots 1 minimum power supply required (ordered separately) Supported PSUs JL086A JL087A JL670A JL758A Max PoE Power: 2880W
PoE capability	Max PoE Power: 2880W	Max PoE Power: 2880W	Max PoE Power: 2880W
Management features	1 default VRF, 1 management VRF	1 default VRF, 1 management VRF	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON
Operating temperature	32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate -1 degree C for every 1,000 ft from 5,000 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time. No more than 96 consecutive hours and no more than 360 hours total (15 days) in 1 year.	32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate -1 degree C for every 1,000 ft from 5,000 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time. No more than 96 consecutive hours and no more than 360 hours total (15 days) in 1 year.	
Warranty	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.

	HPE Aruba Networking CX 6300M 24-port 1GbE and 4-port SFP56 Switch (JL664A)	HPE Aruba Networking CX 6300M 24-port 1GbE Class 4 PoE and 4-port SFP56 Switch (JL662A)	HPE Aruba Networking CX 6300M 24-port HPE Smart Rate 1/2.5/5GbE Class 6 PoE and 4-port SFP56 Switch (JL660A)
Power consumption	Idle: 49W 100% Traffic Rate: 64W	With JL086A PSU: Idle: 60W 100% Traffic Rate: 76W With JL087A PSU: Idle: 59W 100% Traffic Rate: 74W With JL670A PSU: Idle: 62W 100% Traffic Rate: 81W	With JL086A PSU: Idle: 93W 100% Traffic Rate: 137W With JL087A PSU: Idle: 91W 100% Traffic Rate: 131W With JL670A PSU: Idle: 98W 100% Traffic Rate: 139Wsupply)
Input voltage	JL085A PSU: 100V240V	JL670A PSU: 110V120V/208V240V JL086A PSU: 100V240V JL087A PSU: 110V240V	JL670A PSU: 110V120V/208V240V JL086A PSU: 100V240V JL087A PSU: 110V240V
Ports	24-port 10/100/1000 BaseT ports; 4x 1G/10G/25G/50G* SFP ports; 1x USBC Console Port; 1x OOBM port; 1x USB Type A Host port Notes: *50G capability is for use with 50G DACs for both interconnect and VSF stacking. 50G transceivers and DACs are not supported on SOE91A and SOX44A switch models, which requires QSFP to SFP56 DAC cable for VSF stacking with other CX 6300F and CX 6300M switch models only. VSF stacking not supported on 1G ports.	24-port 10/100/1000 BaseT PoE+ ports supporting up to 30W per port; 4x 1G/10G/25G/50G* SFP ports; Supports PoE Standards IEEE 802.3af, 802.3at; 1x USBC Console Port; 1x OOBM port; 1x USB Type A Host port Notes: *50G capability is for use with 50G DACs for both interconnect and VSF stacking. 50G transceivers and DACs are not supported on SOE91A and SOX44A switch models, which requires QSFP to SFP56 DAC cable for VSF stacking with other CX 6300F and CX 6300M switch models only. VSF stacking not supported on 1G ports.	24-port Smart Rate 100M**/1G/2.5G/5G BaseT Class 6 PoE ports supporting up to 60W per port; 4x 1G/10G/25G*/50G SFP ports; Supports PoE Standards IEEE 802.3af, 802.3at and 802.3bt (up to 60W); 1x USBC Console Port; 1x OOBM port; 1x USB Type A Host port Notes: *50G capability is for use with 50G DACs for both interconnect and VSF stacking. 50G transceivers and DACs are not supported on SOE91A and SOX44A switch models, which requires QSFP to SFP56 DAC cable for VSF stacking with other CX 6300F and CX 6300M switch models only. VSF stacking not supported on 1G ports. **100M use on Smart Rate ports is limited to full duplex only. For 100M half duplex support, use 1G ports on other models.
Latency	1Gbps: 2.28Sec, 10Gbps: 1.46Sec, 25Gbps: 1.90Sec, 50Gbps: 3.49Sec	1Gbps: 2.28Sec, 10Gbps: 1.46Sec, 25Gbps: 1.90Sec, 50Gbps: 3.49Sec	1Gbps: 4.24Sec, 10Gbps: 1.50Sec, 25Gbps: 2.91Sec, 50Gbps: 3.49Sec
Switching capacity	448 Gbps	448 Gbps	640 Gbps
Stacking capabilities	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches
Throughput	334 Mpps	334 Mpps	476 Mpps

	HPE Aruba Networking CX 6300M 24-port 1GbE and 4-port SFP56 Switch (JL664A)	HPE Aruba Networking CX 6300M 24-port 1GbE Class 4 PoE and 4-port SFP56 Switch (JL662A)	HPE Aruba Networking CX 6300M 24-port HPE Smart Rate 1/2.5/5GbE Class 6 PoE and 4-port SFP56 Switch (JL660A)
Memory and processor	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration
PoE capability		Max PoE Power: 720W	Max PoE Power: 1440W
Management features	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON
Warranty	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.

	HPE Aruba Networking CX 6300M 24-port SFP+ and 4-port SFP56 Switch (JL658A)	HPE Aruba Networking CX 6300M 24p 10M/100M/1G 4p SFP56 50G TAA Switch (SOG01A)	HPE Aruba Networking CX 6300M 24p 10M/100M/1G Class4 PoE 4p SFP56 50G TAA Switch (SOF99A)
Power consumption	Idle: 51W 100% Traffic Rate: 85W		
Input voltage	JL085A PSU: 100V240V		
Ports	24x 1G/10G SFP+ ports; 4x 1G/10G/25G*/50G SFP ports; 1x USBC Console Port; 1x OOBM port; 1x USB Type A Host port Notes: *50G capability is for use with 50G DACs for both interconnect and VSF stacking. 50G transceivers and DACs are not supported on SOE91A and SOX44A switch models, which requires QSFP to SFP56 DAC cable for VSF stacking with other CX 6300F and CX 6300M switch models only. VSF stacking not supported on 1G ports.	Up to 48 ports of HPE Smart Rate (1G/2.5G/5G/10 GbE)	Up to 48 ports of HPE Smart Rate (1G/2.5G/5G/10 GbE)
Latency	1Gbps: 1.99Sec, 10Gbps: 1.49Sec, 25Gbps: 2.85Sec 50Gbps: 2.82Sec		
Switching capacity	880 Gbps	Up to 880 Gbps to 1760 Gbps, depending on model and configuration	Up to 880 Gbps to 1760 Gbps, depending on model and configuration
Stacking capabilities	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches
Throughput	654 Mpps	Up to 660 Mpps to 1310 Mpps, depending on model and configuration	Up to 660 Mpps to 1310 Mpps, depending on model and configuration
Memory and processor	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration
PoE capability	##BL##BLANK##ANK##		

	HPE Aruba Networking CX 6300M 24-port SFP+ and 4-port SFP56 Switch (JL658A)	HPE Aruba Networking CX 6300M 24p 10M/100M/1G 4p SFP56 50G TAA Switch (SOG01A)	HPE Aruba Networking CX 6300M 24p 10M/100M/1G Class4 PoE 4p SFP56 50G TAA Switch (SOF99A)
Management features	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON
Warranty	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.

	HPE Aruba Networking CX 6300M 24p SFP 1G 2p SFP56 50G 2p SFP28 25G MACsec Switch (S4P44A)	HPE Aruba Networking CX 6300M 24p SFP 1G 2p SFP56 50G 2p SFP28 25G MACsec TAA Switch (S4P48A)	HPE Aruba Networking CX 6300M 24p SFP+ 1G/10G 4p SFP56 50G 2xFan PSU Bundle (S5Z46A)
Differentiator	PSU Min1 / Max2 (250W JL085A) Includes Fantrays Min2 / Max 2 (JL669B) Min=0 \ Max = 24 SFP 1G Transceiver Min=0 \ Max = 2 SFP+/SFP28 10/25G Transceiver Min=0 \ Max = 2 SFP+/SFP28/SFP56 10/25/50G Transceiver 1U - Height	PSU Min1 / Max2 (250W JL085A) Includes Fantrays Min2 / Max 2 (JL669B) Min=0 \ Max = 24 SFP 1G Transceiver Min=0 \ Max = 2 SFP+/SFP28 10/25G Transceiver Min=0 \ Max = 2 SFP+/SFP28/SFP56 10/25/50G Transceiver 1U - Height	Includes 1 Prt2Pwr PSU, can select Min0 / Max1 (250W JL085A) Includes 2 Prt2Pwr Fan trays (JL761A), with no open slots Min=0 \ Max = 24 SFP/SFP+ 1/10 Transceiver Min=0 \ Max = 4 SFP+/SFP28/SFP56 10/25/50G Transceiver 1U - Height
Power consumption	With JL085A PSU: Idle: 62W 100% Traffic Rate: 101W With JL757A PSU: Idle: 57W 100% Traffic Rate: 97W	With JL085A PSU: Idle: 62W 100% Traffic Rate: 101W With JL757A PSU: Idle: 57W 100% Traffic Rate: 97W	Idle: 51W 100% Traffic Rate: 85W
Heat dissipation			Max: 853 BTU/hr Idle: 174 BTU/hr
Input voltage	250W AC 110-240 AC - JL085A 250W DC 36-72VDC - JL757A	250W AC 110-240 AC - JL085A 250W DC 36-72VDC - JL757A	JL085A PSU: 100V240V
Ports	1x USBC Console Port 1x OOBM port 1x USB Type A Host port	1x USBC Console Port 1x OOBM port 1x USB Type A Host port	24x 1G/10G SFP+ ports 4x 1G/10G/25G*/50G SFP ports 1x USBC Console Port 1x OOBM port 1x USB Type A Host port Notes: *50G capability is for use with 50G DACs for both interconnect and VSF stacking. 50G transceivers and DACs are not supported on S0E91A and S0X44A switch models, which requires QSFP to SFP56 DAC cable for VSF stacking with other CX 6300F and CX 6300M switch models only. VSF stacking not supported on 1G ports.
Latency			1 Gbps: 1.99Sec 10 Gbps: 1.49Sec 25 Gbps: 2.85Sec 50 Gbps: 2.82Sec
Switching capacity	348 Gbps	348 Gbps	880 Gbps
Stacking capabilities	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches
Throughput			654 Mpps

	HPE Aruba Networking CX 6300M 24p SFP 1G 2p SFP56 50G 2p SFP28 25G MACsec Switch (S4P44A)	HPE Aruba Networking CX 6300M 24p SFP 1G 2p SFP56 50G 2p SFP28 25G MACsec TAA Switch (S4P48A)	HPE Aruba Networking CX 6300M 24p SFP+ 1G/10G 4p SFP56 50G 2xFan PSU Bundle (S5Z46A)
Memory and processor	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration
Management features	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON
Warranty	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.

	HPE Aruba Networking CX 6300M 24p SFP+ 1G/10G 4p SFP56 50G TAA Switch (SOG03A)	HPE Aruba Networking CX 6300M 24p SFP+ LRM support and 2p 50G and 2p 25G MACSec Switch (R8S92A)	HPE Aruba Networking CX 6300M 24p Smart Rate 1G/2.5G/5G Class6 PoE 4p SFP56 50G TAA Switch (SOG05A)
Power consumption		Idle: 87W 100% Traffic Rate: 131W	
Input voltage		JL085A PSU: 100V-240V	
Ports	Up to 48 ports of HPE Smart Rate (1G/2.5G/5G/10 GbE)	24x 1G/10G SFP+ ports (LRM + MACSEC); 2x 10G/25G/50G* SFP ports; 2x 10G/25G SFP ports (MACSEC); 1x USB-C Console Port 1x RJ Console Port 1x OOBM port 1x USB Type A Host port Notes: *50G capability is for use with 50G DACs for both interconnect and VSF stacking. 50G transceivers and DACs are not supported on SOE91A and SOX44A switch models, which requires QSFP to SFP56 DAC cable for VSF stacking with other CX 6300F and CX 6300M switch models only. VSF stacking not supported on 1G ports.	Up to 48 ports of HPE Smart Rate (1G/2.5G/5G/10 GbE)
Latency		1Gbps: 4.24Sec, 10Gbps: 1.50Sec, 25Gbps: 2.91Sec, 50Gbps1: 3.49Sec	
Routing/switching capacity		880 Gbps	
Switching capacity	Up to 880 Gbps to 1760 Gbps, depending on model and configuration	780 Gbps	Up to 880 Gbps to 1760 Gbps, depending on model and configuration
Stacking capabilities	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches
Throughput	Up to 660 Mpps to 1310 Mpps, depending on model and configuration	580 Mpps	Up to 660 Mpps to 1310 Mpps, depending on model and configuration
Memory and processor	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration	Quad Core Arm Cortex™ A72 @ 1.8GHz, 8 GB DDR4, 32 GB eMMC 16 MB Shared Packet Buffer Memory	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration

	HPE Aruba Networking CX 6300M 24p SFP+ 1G/10G 4p SFP56 50G TAA Switch (SOG03A)	HPE Aruba Networking CX 6300M 24p SFP+ LRM support and 2p 50G and 2p 25G MACSec Switch (R8S92A)	HPE Aruba Networking CX 6300M 24p Smart Rate 1G/2.5G/5G Class6 PoE 4p SFP56 50G TAA Switch (SOG05A)
Power supply		2 field-replaceable, hot-swappable power supply slots 1 minimum power supply required (ordered separately) Supported PSUs JL085A JL757A	
PoE capability			Max PoE Power: Up to 370W, 720W, 1440W, 2640W, or 2880W, depending on model and installed power supplies
Management features	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON
Warranty	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.

	HPE Aruba Networking CX 6300M 24p Smart Rate 1G/2.5G/5G/10G Class6 PoE 2p 50G 2p 25G Switch (R8S89A)	HPE Aruba Networking CX 6300M 32p 1G 16p SmtRt 5G Class8 PoE 2p SFP56 50G 2p SFP28 25G MACsec Switch (S4P41A)	HPE Aruba Networking CX 6300M 32p 1G 16p SmtRt 5G Class8 PoE 2p SFP56 50G 2p SFP28 25G MACsec TAA Sw (S4P45A)
Differentiator		PSU Min1 / Max2 (680W JL086A,1050W JL087A, 1600W JL670A) Includes Fantrays Min2 / Max 2 (JL669B) Min=0 \ Max = 2 SFP+/SFP28 10/25G Transceiver Min=0 \ Max = 2 SFP+/SFP28/SFP56 10/25/50G Transceiver 1U - Height	PSU Min1 / Max2 (680W JL086A,1050W JL087A, 1600W JL670A) Includes Fantrays Min2 / Max 2 (JL669B) Min=0 \ Max = 2 SFP+/SFP28 10/25G Transceiver Min=0 \ Max = 2 SFP+/SFP28/SFP56 10/25/50G Transceiver 1U - Height
Power consumption	With JL086A PSU: Hibernation (0 rpm fan): 37W Idle: 90W 100% Traffic Rate: 143W With JL087A PSU: Hibernation (0 rpm fan):41W Idle: 90W 100% Traffic Rate: 140W With JL670A PSU: Hibernation (0 rpm fan): 35W Idle: 101W 100% Traffic Rate: 152W	With JL670A PSU: Idle: 103W 100% Traffic Rate: 134W With JL758A PSU: Idle: 111W 100% Traffic Rate: 135W	With JL670A PSU: Idle: 103W 100% Traffic Rate: 134W With JL758A PSU: Idle: 111W 100% Traffic Rate: 135W
Input voltage	JL670A PSU: 110V-120V/208V-240V JL086A PSU: 100V-240V JL087A PSU: 110V-240V	1050W 110 AC / 1600W 220 AC - JL670A 680W 110-240 AC - JL086A 1050W 110-240 AC - JL087A 1050W 36-72VDC - JL758A	1050W 110 AC / 1600W 220 AC - JL670A 680W 110-240 AC - JL086A 1050W 110-240 AC - JL087A 1050W 36-72VDC - JL758A
Ports	24-port Smart Rate 100M**/1G/2.5G/5G/10G BaseT Class 6 PoE ports supporting up to 60W per port (MACSEC) 2x 10G/25G/50G* SFP ports 2x 10G/25G SFP ports (MACSEC) Supports PoE Standards IEEE 802.3af, 802.3at and 802.3bt (up to 60W) 1x USB-C Console Port 1x RJ Console Port 1x OOBM port 1x USB Type A Host port Notes: *50G capability is for use with 50G DACs for both interconnect and VSF stacking. 50G transceivers and DACs are not supported on S0E91A and SOX44A switch models, which requires QSFP to SFP56 DAC cable for VSF stacking with other CX 6300F and CX 6300M switch models only. VSF stacking not supported on 1G ports. **100M use on Smart Rate ports is limited to full duplex only. For 100M half duplex support, use 1G ports on other models.	1x USBC Console Port 1x OOBM pot 1x USB Type A Host port	1x USBC Console Port 1x OOBM port 1x USB Type A Host port

	HPE Aruba Networking CX 6300M 24p Smart Rate 1G/2.5G/5G/10G Class6 PoE 2p 50G 2p 25G Switch (R8S89A)	HPE Aruba Networking CX 6300M 32p 1G 16p SmtRt 5G Class8 PoE 2p SFP56 50G 2p SFP28 25G MACsec Switch (S4P41A)	HPE Aruba Networking CX 6300M 32p 1G 16p SmtRt 5G Class8 PoE 2p SFP56 50G 2p SFP28 25G MACsec TAA Sw (S4P45A)
Latency	1Gbps: 4.24Sec, 10Gbps: 1.50Sec, 25Gbps: 2.91Sec, 50Gbps1: 3.49Sec		
Routing/switching capacity	880 Gbps		
Switching capacity	780 Gbps	524 Gbps	524 Gbps
Stacking capabilities	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches
Throughput	580 Mpps		
Memory and processor	Quad Core Arm Cortex™ A72 @ 1.8GHz, 8 GB DDR4, 32 GB eMMC 16 MB Shared Packet Buffer Memory	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration
Power supply	2 field-replaceable, hot-swappable power supply slots 1 minimum power supply required (ordered separately) Supported PSUs JL086A JL087A JL670A JL758A Max PoE Power: 2880W		
PoE capability	Max PoE Power: 2880W	Max PoE Power : 2880W	Max PoE Power : 2880W
Management features	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON
Warranty	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.

	HPE Aruba Networking CX 6300M 32p SmtRt 5G 8p SFP+ 10G LRM 2p SFP56 50G 2p SFP28 25G MACsec TAA Sw (S4P46A)	HPE Aruba Networking CX 6300M 32p SmtRt 5G CL8 8p SFP+ 10G LRM 2p SFP56 50G 2p SFP28 25G MACsec Sw (S4P42A)	HPE Aruba Networking CX 6300M 48-port 1GbE and 4-port SFP56 Switch (JL663A)
Differentiator	Includes 1 Prt2Pwr PSU, can select Min0 / Max1 (250W JL085A) Includes 2 Prt2Pwr Fan trays (JL761A), with no open slots Min=0 \ Max = 24 SFP/SFP+ 1/10 Transceiver Min=0 \ Max = 4 SFP+/SFP28/SFP56 10/25/50G Transceiver 1U - Height	PSU Min1 / Max2 (680W JL086A,1050W JL087A, 1600W JL670A) Includes Fantrays Min2 / Max 2 (JL669B) Min=0 \ Max = 8 SFP/SFP+ 1/10G Transceiver Min=0 \ Max = 2 SFP+/SFP28 10/25G Transceiver Min=0 \ Max = 2 SFP+/SFP28/SFP56 10/25/50G Transceiver 1U - Height	
Power consumption	With JL670A PSU: Idle: 106W 100% Traffic Rate: 159W With JL758A PSU: Idle: 118W 100% Traffic Rate: 156W	With JL670A PSU: Idle: 106W 100% Traffic Rate: 159W With JL758A PSU: Idle: 118W 100% Traffic Rate: 156W	Idle: 56W 100% Traffic Rate: 75W
Input voltage	1050W 110 AC / 1600W 220 AC - JL670A 680W 110-240 AC - JL086A 1050W 110-240 AC - JL087A 1050W 36-72VDC - JL758A	1050W 110 AC / 1600W 220 AC - JL670A 680W 110-240 AC - JL086A 1050W 110-240 AC - JL087A 1050W 36-72VDC - JL758A	JL085A PSU: 100V240V
Ports	1x USBC Console Port 1x OOBM port 1x USB Type A Host port	1x USBC Console Port 1x OOBM port 1x USB Type A Host port	48-port 10/100/1000 BaseT ports; 4x 1G/10G/25G/50G* SFP ports; 1x USBC Console Port; 1x OOBM port; 1x USB Type A Host port Notes: *50G capability is for use with 50G DACs for both interconnect and VSF stacking. 50G transceivers and DACs are not supported on SOE91A and SOX44A switch models, which requires QSFP to SFP56 DAC cable for VSF stacking with other CX 6300F and CX 6300M switch models only. VSF stacking not supported on 1G ports.
Latency			1Gbps: 2.28Sec, 10Gbps: 1.46Sec, 25Gbps: 1.90Sec, 50Gbps: 3.49Sec
Switching capacity	780 Gbps	780 Gbps	496 Gbps
Stacking capabilities	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches
Throughput			369 Mpps

	HPE Aruba Networking CX 6300M 32p SmtRt 5G 8p SFP+ 10G LRM 2p SFP56 50G 2p SFP28 25G MACsec TAA Sw (S4P46A)	HPE Aruba Networking CX 6300M 32p SmtRt 5G CL8 8p SFP+ 10G LRM 2p SFP56 50G 2p SFP28 25G MACsec Sw (S4P42A)	HPE Aruba Networking CX 6300M 48-port 1GbE and 4-port SFP56 Switch (JL663A)
Memory and processor	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration
PoE capability	Max PoE Power : 2880W	Max PoE Power : 2880W	
Management features	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON
Warranty	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.

	HPE Aruba Networking CX 6300M 48-port 1GbE Class 4 PoE and 4-port SFP56 Switch (JL661A)	HPE Aruba Networking CX 6300M 48-port HPE Smart Rate 1/2.5/5GbE Class 6 PoE and 4-port SFP56 Switch (JL659A)	HPE Aruba Networking CX 6300M 48G Power-to-Port Airflow 2 Fans 1 Power Supply Unit Bundle (R9F63A)
Power consumption	With JL086A PSU: Idle: 70W 100% Traffic Rate: 90W With JL087A PSU: Idle: 71W 100% Traffic Rate: 88W With JL670A PSU: Idle: 73W 100% Traffic Rate: 96W	With JL086A PSU: Idle: 133W 100% Traffic Rate: 199W With JL087A PSU: Idle: 138W 100% Traffic Rate: 193W With JL670A PSU: Idle: 140W 100% Traffic Rate: 201Wsupply)	75 W (maximum)
Input voltage	JL670A PSU: 110V120V/208V240V JL086A PSU: 100V240V JL087A PSU: 110V240V	JL670A PSU: 110V120V/208V240V JL086A PSU: 100V240V JL087A PSU: 110V240V	100-240 VAC
Ports	48-port 10/100/1000 BaseT PoE+ ports supporting up to 30W per port; 4x 1G/10G/25G*/50G SFP ports; Supports PoE Standards IEEE 802.3af, 802.3at; 1x USBC Console Port; 1x OOBM port; 1x USB Type A Host port Notes: *50G capability is for use with 50G DACs for both interconnect and VSF stacking. 50G transceivers and DACs are not supported on SOE91A and SOX44A switch models, which requires QSFP to SFP56 DAC cable for VSF stacking with other CX 6300F and CX 6300M switch models only. VSF stacking not supported on 1G ports.	48-port Smart Rate 100M**/1G/2.5G/5G BaseT Class 6 PoE ports supporting up to 60W per port; 4x 1G/10G/25G*/50G SFP ports; Supports PoE Standards IEEE 802.3af, 802.3at and 802.3bt (up to 60W); 1x USBC Console Port; 1x OOBM port; 1x USB Type A Host port Notes: *50G capability is for use with 50G DACs for both interconnect and VSF stacking. 50G transceivers and DACs are not supported on SOE91A and SOX44A switch models, which requires QSFP to SFP56 DAC cable for VSF stacking with other CX 6300F and CX 6300M switch models only. VSF stacking not supported on 1G ports. **100M use on Smart Rate ports is limited to full duplex only. For 100M half duplex support, use 1G ports on other models.	48x 10/100/1000 BASE-T ports, 4x 1/10/25/50G SFP ports
Latency	1Gbps: 2.28Sec, 10Gbps: 1.46Sec, 25Gbps: 1.90Sec, 50Gbps: 3.49Sec	1Gbps: 4.24Sec, 10Gbps: 1.50Sec, 25Gbps: 2.91Sec, 50Gbps: 3.49Sec	1Gbps: 2.28Sec, 10Gbps: 1.46Sec, 25Gbps: 1.90Sec, 50Gbps: 3.49Sec
Switching capacity	496 Gbps	880 Gbps	496 Gbps
Stacking capabilities	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches
Throughput	369 Mpps	654 Mpps	369 Mpps

	HPE Aruba Networking CX 6300M 48-port 1GbE Class 4 PoE and 4-port SFP56 Switch (JL661A)	HPE Aruba Networking CX 6300M 48-port HPE Smart Rate 1/2.5/5GbE Class 6 PoE and 4-port SFP56 Switch (JL659A)	HPE Aruba Networking CX 6300M 48G Power-to-Port Airflow 2 Fans 1 Power Supply Unit Bundle (R9F63A)
Memory and processor	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration
PoE capability	Max PoE Power: 1440W	Max PoE Power: 2880W	
Management features	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON
Warranty	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.

	HPE Aruba Networking CX 6300M 48p 10M/100M/1G 4p SFP56 50G Power-to-Port 2xFan PSU TAA Bundle (SOG02A)	HPE Aruba Networking CX 6300M 48p 10M/100M/1G 4p SFP56 50G TAA Switch (SOG00A)	HPE Aruba Networking CX 6300M 48p 10M/100M/1G Class4 PoE 4p SFP56 50G TAA Switch (SOG06A)
Ports	Up to 48 ports of HPE Smart Rate (1G/2.5G/5G/10 GbE)	Up to 48 ports of HPE Smart Rate (1G/2.5G/5G/10 GbE)	Up to 48 ports of HPE Smart Rate (1G/2.5G/5G/10 GbE)
Switching capacity	Up to 880 Gbps to 1760 Gbps, depending on model and configuration	Up to 880 Gbps to 1760 Gbps, depending on model and configuration	Up to 880 Gbps to 1760 Gbps, depending on model and configuration
Stacking capabilities	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches
Throughput	Up to 660 Mpps to 1310 Mpps, depending on model and configuration	Up to 660 Mpps to 1310 Mpps, depending on model and configuration	Up to 660 Mpps to 1310 Mpps, depending on model and configuration
Memory and processor	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration
PoE capability		##BLAN##BLANK##K##	Max PoE Power: Up to 370W, 720W, 1440W, 2640W, or 2880W, depending on model and installed power supplies
Management features	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON
Warranty	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.

	HPE Aruba Networking CX 6300M 48p 1GbE 4p SFP56 Power-to-Port 2 Fan Trays 1 PSU Bundle (JL762A)	HPE Aruba Networking CX 6300M 48p HPE Smart Rate 1G/2.5G/5G Class8 PoE 2p 50G 2p 25G Switch (R8S90A)	HPE Aruba Networking CX 6300M 48p SFP 1G 2p SFP56 50G 2p SFP28 25G MACsec Switch (S4P43A)
Differentiator			PSU Min1 / Max2 (250W JL085A) Includes Fantrays Min2 / Max 2 (JL669B) Min=0 \ Max = 48 SFP 1G Transceiver Min=0 \ Max = 2 SFP+/SFP28 10/25G Transceiver Min=0 \ Max = 2 SFP+/SFP28/SFP56 10/25/50G Transceiver 1U - Height
Power consumption	Idle: 56W 100% Traffic Rate: 75W	With JL086A PSU: Hibernation (0 rpm fan): 43W Idle: 104W 100% Traffic Rate: 173W With JL087A PSU: Hibernation (0 rpm fan): 41W Idle: 104W 100% Traffic Rate: 173W With JL670A PSU: Hibernation (0 rpm fan): 37W Idle: 115W 100% Traffic Rate: 184W	With JL085A PSU: Idle: 67W 100% Traffic Rate: 127W With JL757A PSU: Idle: 61W 100% Traffic Rate: 123W
Input voltage	JL760A PSU: 100V-240V	JL670A PSU: 110V-120V/208V-240V JL086A PSU: 100V-240V JL087A PSU: 110V-240V	250W AC 110-240 AC - JL085A 250W DC 36-72VDC - JL757A
Ports	48-port 10/100/1000 BaseT ports; 4x 1G/10G/25G/50G* SFP ports; 1x USBC Console Port; 1x OOBM port; 1x USB Type A Host port Notes: *50G capability is for use with 50G DACs for both interconnect and VSF stacking. 50G transceivers and DACs are not supported on SOE91A and SOX44A switch models, which requires QSFP to SFP56 DAC cable for VSF stacking with other CX 6300F and CX 6300M switch models only. VSF stacking not supported on 1G ports.	48-port Smart Rate 100M**/1G/2.5G/5G BaseT Class 8 PoE ports supporting up to 90W per port (MACsec); 2x 10G/25G/50G* SFP ports; 2x 10G/25G SFP ports (MACsec); Supports PoE Standards IEEE 802.3af, 802.3at and 802.3bt (up to 90W) 1x USBC Console Port; 1x RJ Console Port; 1x OOBM port; 1x USB Type A Host port Notes: *50G capability is for use with 50G DACs for both interconnect and VSF stacking. 50G transceivers and DACs are not supported on SOE91A and SOX44A switch models, which requires QSFP to SFP56 DAC cable for VSF stacking with other CX 6300F and CX 6300M switch models only. VSF stacking not supported on 1G ports. **100M use on Smart Rate ports is limited to full duplex only. For 100M half duplex support, use 1G ports on other models.	1x USBC Console Port 1x OOBM port 1x USB Type A Host port

	HPE Aruba Networking CX 6300M 48p 1GbE 4p SFP56 Power-to-Port 2 Fan Trays 1 PSU Bundle (JL762A)	HPE Aruba Networking CX 6300M 48p HPE Smart Rate 1G/2.5G/5G Class8 PoE 2p 50G 2p 25G Switch (R8S90A)	HPE Aruba Networking CX 6300M 48p SFP 1G 2p SFP56 50G 2p SFP28 25G MACsec Switch (S4P43A)
Latency	1Gbps: 2.28Sec, 10Gbps: 1.46Sec, 25Gbps: 1.90Sec, 50Gbps: 3.49Sec	1Gbps: 4.24Sec, 10Gbps: 1.50Sec, 25Gbps: 2.91Sec, 50Gbps1: 3.49Sec	
Routing/switching capacity		880 Gbps	
Switching capacity	496 Gbps	780 Gbps	396 Gbps
Stacking capabilities	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches
Throughput	369 Mpps	580 Mpps	
Memory and processor	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration	Quad Core Arm Cortex™ A72 @ 1.8GHz, 8 GB DDR4, 32 GB eMMC 16 MB Shared Packet Buffer Memory	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration
Power supply		2 field-replaceable, hot-swappable power supply slots 1 minimum power supply required (ordered separately) Supported PSUs JL086A JL087A JL670A JL758A Max PoE Power: 2880W	
PoE capability		Max PoE Power: 2880W	
Management features	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON
Warranty	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.

	HPE Aruba Networking CX 6300M 48p SFP 1G 2p SFP56 50G 2p SFP28 25G MACsec TAA Switch (S4P47A)	HPE Aruba Networking CX 6300M 48p Smart Rate 1G/2.5G/5G Class6 PoE 4p SFP56 50G TAA Switch (S0G04A)	HPE Aruba Networking CX 6300M 48p SR10 1G/2.5G/5G/10G PTP/AVB Class8 PoE and 4p 100G MACsec Switch (SOE91A)
Differentiator	PSU Min1 / Max2 (250W JL085A) Includes Fantrays Min2 / Max 2 (JL669B) Min=0 \ Max = 48 SFP 1G Transceiver Min=0 \ Max = 2 SFP+/SFP28 10/25G Transceiver Min=0 \ Max = 2 SFP+/SFP28/SFP56 10/25/50G Transceiver 1U - Height		
Power consumption	With JL085A PSU: Idle: 67W 100% Traffic Rate: 127W With JL757A PSU: Idle: 61W 100% Traffic Rate: 123W With single JL086A PSU: Idle: 207W 100% Traffic Rate: 283W With single JL087A PSU: Idle: 208W 100% Traffic Rate: 282W With single JL670A PSU: Idle: 211W 100% Traffic Rate: 283W		
Input voltage	250W AC 110-240 AC - JL085A 250W DC 36-72VDC - JL757A JL670A PSU: 110V-120V/200V/208V-240V; AC input JL086A PSU: 100V-240V; AC input JL087A PSU: 110V-240V; AC input JL758A PSU: 36-72VDC; DC input		
Ports	1x USBC Console Port 1x OOBM port 1x USB Type A Host port Up to 48 ports of HPE Smart Rate (1G/2.5G/5G/10 GbE) 48-port SmartRate 100M**/1G/2.5G/5G/10G BaseT Class 8 PoE ports supporting up to 90W per port (MACsec) 4x 10G/25G/40G/100G QSFP/QSFP28 ports (MACsec) Supports PoE Standards IEEE 802.3af, 802.3at and 802.3bt (up to 90W) 1x USBC Console Port (higher priority than RJ45 console port) 1x RJ45 console port 1x OOBM 1x USB Type A Host port Notes: **100M use on Smart Rate ports is limited to full duplex only. For 100M half duplex support, use 1G ports on other models.		
Switching capacity	396 Gbps	Up to 880 Gbps to 1760 Gbps, depending on model and configuration	1760 Gbps
Stacking capabilities	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches	Up to 10 switches per stack NOTE: CX 6300L switches only stack with other CX 6300L switches

	HPE Aruba Networking CX 6300M 48p SFP 1G 2p SFP56 50G 2p SFP28 25G MACsec TAA Switch (S4P47A)	HPE Aruba Networking CX 6300M 48p Smart Rate 1G/2.5G/5G Class6 PoE 4p SFP56 50G TAA Switch (S0G04A)	HPE Aruba Networking CX 6300M 48p SR10 1G/2.5G/5G/10G PTP/AVB Class8 PoE and 4p 100G MACsec Switch (SOE91A)
Throughput		Up to 660 Mpps to 1310 Mpps, depending on model and configuration	1310 Mpps
Memory and processor	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration	Quad Core Arm Cortex™ A72 @ 1.8GHz 8 GB DDR4, 32 GB eMMC 8 MB, 16 MB, or 32 MB Shared Packet Buffer Memory, depending on model and configuration	Quad Core Arm Cortex™ A72 @ 1.8GHz, 8 GB DDR4, 32 GB eMMC 32 MB Shared Packet Buffer Memory
Power supply			2 field-replaceable, hot-swappable power supply slots 1 minimum power supply required (ordered separately) Supported PSUs JL086A JL087A JL670A JL758A Max PoE Power: 2640W
PoE capability		Max PoE Power: Up to 370W, 720W, 1440W, 2640W, or 2880W, depending on model and installed power supplies	Max PoE Power: 2640W
Management features	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON	HPE Aruba Networking Central Network Management HPE Aruba Networking Management Software (AirWave) HPE Aruba Networking Switch Multi-Edit Software Command-line interface SNMP v2c/v3 RMON
Warranty	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.	Limited lifetime warranty. See the warranty duration.

Related Options

The following options are available for these series:

- HPE 100Gb QSFP28 Bidirectional Transceiver
- HPE Aruba Networking 1G SFP LC LH 70km SMF Transceiver
- HPE Aruba Networking 1G SFP LC LX 10km SMF TAA Transceiver
- HPE Aruba Networking 1G SFP LC LX 10km SMF TAA Transceiver
- HPE Aruba Networking 1G SFP LC LX 10km SMF Transceiver
- HPE Aruba Networking 1G SFP LC SX 500m MMF TAA Transceiver
- HPE Aruba Networking 1G SFP LC SX 500m MMF TAA Transceiver
- HPE Aruba Networking 1G SFP LC SX 500m OM2 MMF Transceiver
- HPE Aruba Networking 1G SFP LC SX 500m OM2 MMF Transceiver
- HPE Aruba Networking 1G SFP RJ45 100m Cat5e TAA Transceiver
- HPE Aruba Networking 1G SFP RJ45 100m Cat5e Transceiver
- HPE Aruba Networking 1G SFP RJ45 T 100m Cat5e TAA Transceiver
- HPE Aruba Networking 1G SFP RJ45 T 100m Cat5e TAA Transceiver
- HPE Aruba Networking 1G SFP RJ45 T 100m Cat5e Transceiver
- HPE Aruba Networking 1U Universal 4-post Rack Mount Kit
- HPE Aruba Networking 10G ER SFP+ LC 40km SMF C-Class Transceiver
- HPE Aruba Networking 10G LR SFP+ LC 10km SMF C-Class Transceiver
- HPE Aruba Networking 10G SFP+ LC ER 40km SMF Transceiver
- HPE Aruba Networking 10G SFP+ LC LR 10km SMF TAA Transceiver
- HPE Aruba Networking 10G SFP+ LC LR 10km SMF TAA Transceiver
- HPE Aruba Networking 10G SFP+ LC LR 10km SMF Transceiver
- HPE Aruba Networking 10G SFP+ LC LRM 220m OM2 MMF Transceiver
- HPE Aruba Networking 10G SFP+ LC SR 300m MMF TAA Transceiver
- HPE Aruba Networking 10G SFP+ LC SR 300m MMF TAA Transceiver
- HPE Aruba Networking 10G SFP+ LC SR 300m OM3 MMF Transceiver
- HPE Aruba Networking 10G SFP+ LC SR 300m OM3 MMF Transceiver
- HPE Aruba Networking 10G SFP+ to SFP+ 1m Direct Attach Copper Cable
- HPE Aruba Networking 10G SFP+ to SFP+ 1m Direct Attach Copper Cable
- HPE Aruba Networking 10G SFP+ to SFP+ 3m Direct Attach Copper Cable
- HPE Aruba Networking 10G SFP+ to SFP+ 3m Direct Attach Copper Cable
- HPE Aruba Networking 10G SMF Simplex LC BiDi 40km-Downstream 1330/1270 Transceiver
- HPE Aruba Networking 10G SMF Simplex LC BiDi 40km-Upstream 1270/1330 Transceiver
- HPE Aruba Networking 10G SR SFP+ LC 400m OM4 MMF C-Class Transceiver
- HPE Aruba Networking 10GBASE-T SFP+ RJ45 30m Cat6A Transceiver
- HPE Aruba Networking 10GBASE-T SFP+ RJ45 30m Cat6A Transceiver
- HPE Aruba Networking 25G BiDi 10km-Downstream 1330/1270 Transceiver
- HPE Aruba Networking 25G BiDi 10km-Upstream 1270/1330 Transceiver
- HPE Aruba Networking 25G BiDi 40km-Downstream 1314/1289 Transceiver
- HPE Aruba Networking 25G BiDi 40km-Upstream 1289/1314 Transceiver
- HPE Aruba Networking 25G ER LC 40km SMF Transceiver
- HPE Aruba Networking 25G LR SFP28 LC 10km SMF C-Class Transceiver

- HPE Aruba Networking 25G LR SFP28 LC 10km SMF TAA Transceiver
- HPE Aruba Networking 25G SFP28 LC LR 10km SMF Transceiver
- HPE Aruba Networking 25G SFP28 LC SR 100m MMF Transceiver
- HPE Aruba Networking 25G SFP28 LC SR 100m MMF Transceiver
- HPE Aruba Networking 25G SFP28 LC eSR 400m MMF Transceiver
- HPE Aruba Networking 25G SFP28 LC eSR 400m MMF Transceiver
- HPE Aruba Networking 25G SFP28 to SFP28 0.65m Direct Attach Cable
- HPE Aruba Networking 25G SFP28 to SFP28 0.65m Direct Attach Copper Cable
- HPE Aruba Networking 25G SFP28 to SFP28 3m Active Optical Cable
- HPE Aruba Networking 25G SFP28 to SFP28 3m Direct Attach Copper Cable
- HPE Aruba Networking 25G SFP28 to SFP28 3m Direct Attach Copper Cable
- HPE Aruba Networking 25G SFP28 to SFP28 5m Direct Attach Copper Cable
- HPE Aruba Networking 25G SFP28 to SFP28 5m Direct Attach Copper Cable
- HPE Aruba Networking 25G SFP28 to SFP28 7m Active Optical Cable
- HPE Aruba Networking 25G SFP28 to SFP28 15m Active Optical Cable
- HPE Aruba Networking 25G SR SFP28 LC 100m MMF C-Class Transceiver
- HPE Aruba Networking 25G eSR SFP28 LC 400m MMF TAA Transceiver
- HPE Aruba Networking 40G QSFP+ LC Bidirectional 150m MMF 2-strand Transceiver
- HPE Aruba Networking 40G QSFP+ LC ER4 40km SMF Transceiver
- HPE Aruba Networking 40G QSFP+ to QSFP+ 7m Active Optical Cable
- HPE Aruba Networking 40G QSFP+ to QSFP+ 15m Active Optical Cable
- HPE Aruba Networking 40G QSFP+ to QSFP+ 30m Active Optical Cable
- HPE Aruba Networking 50G BiDi 10km-Downstream 1330/1270 Transceiver
- HPE Aruba Networking 50G BiDi 10km-Upstream 1270/1330 Transceiver
- HPE Aruba Networking 50G ER 40km SMF Transceiver
- HPE Aruba Networking 50G LR 10km SMF Transceiver
- HPE Aruba Networking 50G QSFP56 to SFP56 0.65m DAC Cable
- HPE Aruba Networking 50G QSFP56 to SFP56 3m DAC Cable
- HPE Aruba Networking 50G SFP56 LC SR 100m MMF Transceiver
- HPE Aruba Networking 50G SFP56 to SFP56 0.65m Direct Attach Copper Cable
- HPE Aruba Networking 50G SFP56 to SFP56 0.65m Direct Attach Copper Cable
- HPE Aruba Networking 50G SFP56 to SFP56 3m Direct Attach Copper Cable
- HPE Aruba Networking 50G SFP56 to SFP56 3m Direct Attach Copper Cable
- HPE Aruba Networking 50G eSR 300m MMF Transceiver
- HPE Aruba Networking 100G QSFP28 LC CWDM4 2km SMF Transceiver
- HPE Aruba Networking 100G QSFP28 LC ER4L 40km SMF Transceiver
- HPE Aruba Networking 100G QSFP28 LC FR1 SMF 2km Transceiver
- HPE Aruba Networking 100G QSFP28 LC LR4 10km SMF 2-strand Transceiver
- HPE Aruba Networking 100G QSFP28 MPO SR4 100m 12-fiber MPO OM3 MMF Transceiver
- HPE Aruba Networking 100G QSFP28 to QSFP28 1m Direct Attach Copper Cable
- HPE Aruba Networking 100G QSFP28 to QSFP28 2m Active Optical Cable
- HPE Aruba Networking 100G QSFP28 to QSFP28 3m Direct Attach Copper Cable
- HPE Aruba Networking 100G QSFP28 to QSFP28 5m Direct Attach Copper Cable
- HPE Aruba Networking 100G QSFP28 to QSFP28 7m Active Optical Cable
- HPE Aruba Networking 100G QSFP28 to QSFP28 15m Active Optical Cable

- HPE Aruba Networking 100G QSFP28 to QSFP28 30m Active Optical Cable
- HPE Aruba Networking 100G SR1.2 QSFP28 LC 100m MMF Transceiver
- HPE Aruba Networking 100G SR2 MPO QSFP28 100m MMF Transceiver
- HPE Aruba Networking 100M SFP LC FX 2km MMF Transceiver
- HPE Aruba Networking 100M SFP LC FX 2km MMF Transceiver
- HPE Aruba Networking CX 6300M 12VDC 250W 100-240VAC Power-to-Port Airflow Power Supply Unit
- HPE Aruba Networking CX 6300M 250W 36-72VDC Input Non-PoE Power Supply
- HPE Aruba Networking CX 6300M 1050W 36-72VDC Input PoE Power Supply
- HPE Aruba Networking CX 6300M Power-to-Port Airflow Fan Tray
- HPE Aruba Networking CX 6300M Power-to-Port Fan Tray
- HPE Aruba Networking CX Switch Bluetooth Adapter
- HPE Aruba Networking Central On-Premises Switch Class3 Advanced 1-year Subscription E-STU
- HPE Aruba Networking Central On-Premises Switch Class3 Advanced 3-year Subscription E-STU
- HPE Aruba Networking Central On-Premises Switch Class3 Advanced 5-year Subscription E-STU
- HPE Aruba Networking Central On-Premises Switch Class3 Advanced 7-year Subscription E-STU
- HPE Aruba Networking Central On-Premises Switch Class3 Advanced 10-year Subscription E-STU
- HPE Aruba Networking Central Switch Class3 Foundation 10-year Subscription E-STU
- HPE Aruba Networking Central Switch Class-3 Foundation 1 year Subscription E-STU
- HPE Aruba Networking Central Switch Class-3 Foundation 3 year Subscription E-STU
- HPE Aruba Networking Central Switch Class-3 Foundation 5 year Subscription E-STU
- HPE Aruba Networking Central Switch Class-3 Foundation 7 year Subscription E-STU
- HPE Aruba Networking Central on Prem Switch Class-3 Foundation 1 year Subscription E-STU
- HPE Aruba Networking Central on Prem Switch Class-3 Foundation 3 year Subscription E-STU
- HPE Aruba Networking Central on Prem Switch Class-3 Foundation 5 year Subscription E-STU
- HPE Aruba Networking Central on Prem Switch Class-3 Foundation 7 year Subscription E-STU
- HPE Aruba Networking Central on Prem Switch Class-3 Foundation 10 year Subscription E-STU
- HPE Aruba Networking Fabric Composer Device Management Service Tier 3 Switch 1y Subscription E-STU
- HPE Aruba Networking Fabric Composer Device Management Service Tier 3 Switch 1y Subscription E-STU
- HPE Aruba Networking Fabric Composer Device Management Service Tier 3 Switch 3y Subscription E-STU
- HPE Aruba Networking Fabric Composer Device Management Service Tier 3 Switch 3y Subscription E-STU
- HPE Aruba Networking Fabric Composer Device Management Service Tier 3 Switch 5y Subscription E-STU
- HPE Aruba Networking Fabric Composer Device Management Service Tier 3 Switch 5y Subscription E-STU
- HPE Aruba Networking NetEdit Single Node 1-year Subscription E-STU
- HPE Aruba Networking NetEdit Single Node 1yr Subscription E-STU
- HPE Aruba Networking NetEdit Single Node 3-year Subscription E-STU
- HPE Aruba Networking NetEdit Single Node 3yr Subscription E-STU
- HPE Aruba Networking USB-A reversible to USB-C PC-to-Switch 3m Cable
- HPE Aruba Networking USB-C to USB-C PC-to-Switch 3m Cable
- HPE Aruba Networking USBA-RJ45 PC-to-Switch PIN6TX-3RX 2.5m Cable
- HPE Aruba Networking USBA-RJ45 PIN3TX-6RX 2.5m Cable
- HPE Aruba Networking Universal 4-post Duct Kit
- HPE Aruba Networking X371 12VDC 250W 100-240VAC Power Supply
- HPE Aruba Networking X371 12VDC 250W 100-240VAC Power-to-Port Power Supply
- HPE Aruba Networking X372 54VDC 680W 100-240VAC Power Supply
- HPE Aruba Networking X372 54VDC 1050W 110-240VAC Power Supply

- HPE Aruba Networking X372 54VDC 1600W 110-240VAC Power Supply
- HPE Aruba Networking X414 1U Universal 4-post Rack Mount Kit
- HPE Aruba Networking X544 Universal 4-post Duct Kit (Must order 4-post rack mount kit)
- HPE Aruba Networking X741 Port-to-Power Fan
- HPE Aruba Networking X751 Front to Back Fan Tray
- HPE Networking X142 40G QSFP+ LC LR4 SM Transceiver
- HPE Networking X142 40G QSFP+ MPO SR4 Transceiver
- HPE Networking X142 40G QSFP+ MPO eSR4 300M Transceiver
- HPE Networking X242 40G QSFP+ to QSFP+ 1m Direct Attach Copper Cable
- HPE Networking X242 40G QSFP+ to QSFP+ 3m Direct Attach Copper Cable
- HPE Networking X242 40G QSFP+ to QSFP+ 5m Direct Attach Copper Cable
- HPE QSFP28 to SFP28 Adapter

Related Services

The following services are available for these series:

- HPE Aruba Networking 1Y Software+Technical Support 6300M 24SFP Switch SVC
- HPE Aruba Networking 1Y Software+Technical Support Vol T2 6300M 24SFP Switch SVC
- HPE Aruba Networking 3Y Software+Technical Support 6300M 24SFP Switch SVC
- HPE Aruba Networking 3Y Software+Technical Support Vol T2 6300M 24SFP Switch SVC
- HPE Aruba Networking 5Y Software+Technical Support 6300M 24SFP Switch SVC
- HPE Aruba Networking 5Y Software+Technical Support Vol T2 6300M 24SFP Switch SVC
- HPE Aruba Networking 6xxx and 8xxx Install Chassis Switch SVC
- HPE Aruba Networking Foundational Care 1Y 4HR Exch 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR Exch 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 1Y 4HR Exch 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR Exch 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR Exch 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T1 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T1 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T1 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T1 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T1 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T2 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T2 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T2 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T2 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR Exch Vol T2 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR OS Technical Support V T2 6300M 24p 1GFib Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR OS Technical Support V T2 6300M 48p 1GFib Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR OS Technical Support Vol T2 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR OS Technical Support Vol T2 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR Onsite 6300M 16p CL8 Swch Service

- HPE Aruba Networking Foundational Care 1Y 4HR Onsite 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 1Y 4HR Onsite 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR Onsite 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR Onsite 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR Onsite CDMR 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR Onsite CDMR 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 1Y 4HR Onsite CDMR 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR Onsite CDMR 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR Onsite CDMR 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR Onsite HW Only 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR Onsite HW Only 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR Onsite HW Only 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR Onsite HW Only 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR Onsite Hardware Only 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 1Y 4HR Onsite Technical Support 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR Onsite Technical Support 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR Onsite Technical Support 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y 4HR Onsite Technical Support 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y CTR 6-Hour 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 1Y CTR 6-Hour CDMR 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 1Y CTR 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y CTR 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y CTR 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y CTR 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y CTR CDMR 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y CTR CDMR 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y CTR CDMR 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y CTR CDMR 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y NBD 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y NBD 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y NBD 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y NBD 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y NBD CDMR 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y NBD CDMR 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y NBD CDMR 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y NBD CDMR 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y NBD Exch 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y NBD Exch 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 1Y NBD Exch 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y NBD Exch 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y NBD Exch 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y NBD Exch HW Only 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y NBD Exch HW Only 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y NBD Exch HW Only 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y NBD Exch HW Only 6300M 48p 1G Fib Swch Service

- HPE Aruba Networking Foundational Care 1Y NBD Exch Hardware Only 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 1Y NBD Exch Vol T1 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y NBD Exch Vol T1 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 1Y NBD Exch Vol T1 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y NBD Exch Vol T1 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y NBD Exch Vol T1 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y NBD Exch Vol T2 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y NBD Exch Vol T2 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 1Y NBD Exch Vol T2 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y NBD Exch Vol T2 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 1Y NBD Exch Vol T2 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 1Y NBD Onsite 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 1Y NBD Onsite CDMR 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 3Y 4HR Exch 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR Exch 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 3Y 4HR Exch 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR Exch 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR Exch 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR Exch Vol T1 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR Exch Vol T1 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 3Y 4HR Exch Vol T1 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR Exch Vol T1 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR Exch Vol T1 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR Exch Vol T2 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR Exch Vol T2 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 3Y 4HR Exch Vol T2 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR Exch Vol T2 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR Exch Vol T2 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR OS Technical Support V T2 6300M 24p 1GFib Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR OS Technical Support V T2 6300M 48p 1GFib Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR OS Technical Support Vol T2 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR OS Technical Support Vol T2 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR Onsite 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR Onsite 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 3Y 4HR Onsite 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR Onsite 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR Onsite 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR Onsite CDMR 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR Onsite CDMR 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 3Y 4HR Onsite CDMR 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR Onsite CDMR 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR Onsite CDMR 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR Onsite HW Only 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR Onsite HW Only 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR Onsite HW Only 6300M 32p CL8 Swch Service

- HPE Aruba Networking Foundational Care 3Y 4HR Onsite HW Only 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR Onsite Hardware Only 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 3Y 4HR Onsite Technical Support 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR Onsite Technical Support 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR Onsite Technical Support 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y 4HR Onsite Technical Support 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y CTR 6-Hour 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 3Y CTR 6-Hour CDMR 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 3Y CTR 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y CTR 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y CTR 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y CTR 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y CTR CDMR 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y CTR CDMR 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y CTR CDMR 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y CTR CDMR 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y NBD 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y NBD 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y NBD 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y NBD 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y NBD CDMR 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y NBD CDMR 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y NBD CDMR 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y NBD CDMR 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y NBD Exch 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y NBD Exch 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 3Y NBD Exch 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y NBD Exch 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y NBD Exch 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y NBD Exch HW Only 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y NBD Exch HW Only 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y NBD Exch HW Only 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y NBD Exch HW Only 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y NBD Exch Hardware Only 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 3Y NBD Exch Vol T1 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y NBD Exch Vol T1 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 3Y NBD Exch Vol T1 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y NBD Exch Vol T1 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y NBD Exch Vol T1 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y NBD Exch Vol T2 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y NBD Exch Vol T2 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 3Y NBD Exch Vol T2 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y NBD Exch Vol T2 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 3Y NBD Exch Vol T2 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 3Y NBD Onsite 6300M 24SFP Switch SVC

- HPE Aruba Networking Foundational Care 3Y NBD Onsite CDMR 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 5Y 4HR Exch 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Exch 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 5Y 4HR Exch 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Exch 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Exch 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Exch Vol T1 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Exch Vol T1 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 5Y 4HR Exch Vol T1 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Exch Vol T1 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Exch Vol T1 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Exch Vol T2 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Exch Vol T2 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 5Y 4HR Exch Vol T2 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Exch Vol T2 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Exch Vol T2 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR OS Technical Support V T2 6300M 24p 1GFib Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR OS Technical Support V T2 6300M 48p 1GFib Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR OS Technical Support Vol T2 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR OS Technical Support Vol T2 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Onsite 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Onsite 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 5Y 4HR Onsite 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Onsite 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Onsite 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Onsite CDMR 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Onsite CDMR 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 5Y 4HR Onsite CDMR 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Onsite CDMR 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Onsite CDMR 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Onsite HW Only 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Onsite HW Only 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Onsite HW Only 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Onsite HW Only 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Onsite Hardware Only 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 5Y 4HR Onsite Technical Support 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Onsite Technical Support 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Onsite Technical Support 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y 4HR Onsite Technical Support 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y CTR 6-Hour 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 5Y CTR 6-Hour CDMR 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 5Y CTR 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y CTR 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y CTR 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y CTR 6300M 48p 1G Fib Swch Service

- HPE Aruba Networking Foundational Care 5Y CTR CDMR 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y CTR CDMR 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y CTR CDMR 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y CTR CDMR 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y NBD 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y NBD 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y NBD 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y NBD 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y NBD CDMR 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y NBD CDMR 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y NBD CDMR 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y NBD CDMR 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y NBD Exch 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y NBD Exch 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 5Y NBD Exch 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y NBD Exch 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y NBD Exch 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y NBD Exch HW Only 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y NBD Exch HW Only 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y NBD Exch HW Only 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y NBD Exch HW Only 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y NBD Exch Hardware Only 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 5Y NBD Exch Vol T1 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y NBD Exch Vol T1 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 5Y NBD Exch Vol T1 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y NBD Exch Vol T1 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y NBD Exch Vol T1 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y NBD Exch Vol T2 6300M 16p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y NBD Exch Vol T2 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 5Y NBD Exch Vol T2 6300M 24p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y NBD Exch Vol T2 6300M 32p CL8 Swch Service
- HPE Aruba Networking Foundational Care 5Y NBD Exch Vol T2 6300M 48p 1G Fib Swch Service
- HPE Aruba Networking Foundational Care 5Y NBD Onsite 6300M 24SFP Switch SVC
- HPE Aruba Networking Foundational Care 5Y NBD Onsite CDMR 6300M 24SFP Switch SVC

HPE Aruba Networking Services

HPE Aruba Networking services simplify and accelerate the network technology lifecycle, enabling your network to scale with better predictability and cost-effectiveness. Whether you operate your own network and need to improve your IT efficiencies, or you want to offload some of the burden, we have the services you need to reach your goals.

Learn more about what HPE Services - Aruba Networking has to offer at: hpe.com/edge/services

Support Services

Our support portfolio provides the essential support elements as well as proactive and preventive features to help you improve your team's productivity and get the most from your network. Our support customers benefit from faster issue resolution, simplified operations and efficiencies, and reduced network issues.

Professional Services

With deep intellectual capital and purpose-built tools, our team delivers a range of standard and custom professional services designed to accelerate your value from HPE Aruba Networking technology.

Project based services include:

- Planning, audit, and assessment
- Architecture review and design
- Deployment, migration, and knowledge transfer

Annual subscription services include:

- Network optimization
- Intelligent Operations
- Customer Experience Management

Our [Education Services](#) allow your team to come up to speed quickly.

HPE GreenLake for Networking

Our NaaS solution, is part of the HPE GreenLake services family, and simplifies network operations, accelerates equipment handling, and increases the value of your HPE Aruba Networking solution. If you need expert guidance and automation-based operations for your team, please explore our NaaS approach through HPE GreenLake for Networking.

For additional technical information,
available models and options, please
reference the QuickSpecs

Visit [HPE.com](https://www.hpe.com)

Chat now

© Copyright 2025 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Image may differ from the actual product.

PSN1012138130IEEN, December 17, 2025.

HEWLETT PACKARD ENTERPRISE

[hpe.com](https://www.hpe.com)

