

HPE Aruba Networking CX 6300L Switch Series



Key benefits

- Stackable, high-performance Layer 2-only CX 6300L access switches with HPE Aruba Networking Switch Smart Rate multi-gigabit and MACsec encryption.
- Nonblocking performance with up to 1760 Gbps switching capacity, up to 1310 Mpps of forwarding throughput, and up to 400 Gbps stacking bandwidth.

¹ 100M use on HPE Aruba Networking Switch Smart Rate ports is limited to full-duplex only. For 100M half-duplex support, use 1G ports on other models. VSF stacking is not supported on 1G ports.

Product overview

The HPE Aruba Networking CX 6300L Switch Series is a modern, flexible, and intelligent family of stackable switches ideal for enterprise network access deployments. It is created for game-changing operational efficiency with built-in security and resiliency.

The CX 6300L switches provide the foundation for high performance networks supporting Internet of Things (IoT), mobile, and cloud applications. Built from the ground up with a combination of cutting-edge hardware, software, analytics, and automation tools, the stackable CX 6300L switches are part of the HPE Aruba Networking CX switching portfolio, designed for today's enterprise campus, branch, and data center networks.

By combining a modern, fully programmable OS with the HPE Aruba Networking Network Analytics Engine, the CX 6300L switches

provide industry-leading monitoring and troubleshooting capabilities for the access layer.

A powerful Gen7 ASIC architecture delivers performance and robust feature support with flexible programmability for tomorrow's applications.

The HPE Aruba Networking Virtual Stacking Framework (VSF) allows stacking of up to 10 switches, providing scale and simplified management.

This flexible series has built-in wirespeed 100M/1/10/25/50GbE¹ and 40/100GbE uplinks and supports high-density IEEE 802.3bt high-power PoE. HPE Aruba Networking Switch Smart Rate multi-gigabit Ethernet paves the way for high-speed access points and IoT devices by delivering fast connectivity and high-power PoE using existing cabling.

Key benefits (continued)

- Compact 1U switches with full-density HPE Aruba Networking Switch Smart Rate (1G/2.5G/5G/10GbE) multi-gigabit, up to 90W PoE (Class 8), 10G LRM SFP+, and built-in high-speed 1/10/25/40/50/100GbE uplinks available on select models.
- High availability and scale with 2- to 10-member VSF stacking with other CX 6300L switches.
- Management through a single point of visibility and control with HPE Aruba Networking Central across wired, wireless, and WAN
- Secure and simple access for users and IoT with dynamic segmentation
- Intelligent monitoring, visibility, and remediation with HPE Aruba Networking CX Network Analytics Engine (NAE)
- Automated configuration and verification with HPE Aruba Networking Switch Multi Edit Software
- Large ternary content-addressable memory (TCAM) size ideal for mobility and IoT deployments in large campuses with several thousand clients

Models are modular, offering redundancy and PoE customization with hot-swappable power supplies and fans.

Dynamic segmentation extends role-based policy capability to HPE Aruba Networking CX switches. This means that the same security, user experience, and simplified IT management can be experienced throughout the network. Regardless of how users and IoT devices connect, it enforces consistent policies across the wired and wireless networks, keeping traffic secure and separate.

Product features**HPE Aruba Networking CX Switch Operating System**

The HPE Aruba Networking CX 6300L Switch Series is based on the HPE Aruba Networking CX Switch Operating System, a modern, cloud-native, microservices-based network architecture that automates and simplifies critical tasks and complex workflows for the network operators. It delivers simplified IT operations with faster meantime to resolution, high availability, and end-to-end security.

For more information, read the [HPE Aruba Networking CX Switch Operating System data sheet](#).

HPE Aruba Networking Central—A single point of visibility and control

HPE Aruba Networking CX switches are supported on HPE Aruba Networking Central, a single, zero trust, AI-powered, and cloud-native point of visibility and control for network operations. Using flexible, cloud-based, or on-premises models, HPE Aruba Networking Central delivers unified wired, WLAN, and SD-WAN management.

To learn more about HPE Aruba Networking Central subscriptions available for HPE Aruba Networking CX switches, [read the HPE Aruba Networking Central SaaS Subscription Ordering Guide](#).

For more information on the capabilities of HPE Aruba Networking Central, visit its webpage at hpe.com/us/en/aruba-central.html

Gen7 ASICs—purpose built for programmable innovation

Based on over 30 years of continuous investment, Gen7 ASICs for HPE Aruba Networking create the basis for innovative and agile software feature advancements, unparalleled performance, and deep visibility. These programmable ASICs are purpose-built to allow for a tighter integration of switch hardware and software within campus and data center architectures to optimize performance and capacity. Virtual output queuing (VOQ) isolates congestion, prevents head-of-line blocking (HOLB), and allows full line rate on outgoing (egress) ports. Flexible ASIC resources enable the HPE Aruba Networking Network Analytics Engine solution to inspect all data, which allows for industry-leading analytics capabilities.

Mobility and IoT performance

The HPE Aruba Networking CX 6300L Switch Series uses a fully distributed architecture that utilizes Gen7 ASICs. This helps ensure that our switches offer very low latency, increased packet buffering, and adaptive power consumption. The switching and routing are wire-speed to meet the demands of bandwidth-intensive applications today and in the future.

HPE Aruba Networking VSF stacking—Scale and simplicity

The HPE Aruba Networking VSF allows you to quickly grow your network using high performance front-plane stacking.

Additional features include:

- Support for up to 10 switches (or members) in a stack through chain or ring topology
- Flexibility to create stacks that span longer distances, such as hundreds of meters across campuses to kilometers between sites using long-range 10GbE/25GbE transceivers
- Simplified configuration and management as the switches act as a single chassis when stacked
- The HPE Aruba Networking CX Mobile App provides support for a validated stack deployment that helps ensure that the stack links and uplinks are connected properly



HPE Aruba Networking CX 6300L Switch Series Layer 2 switches for enterprise access

Whether in the branch office or a small to large enterprise environment, you can choose from 24- and 48-port 1U models. Each switch includes four high-speed built-in uplinks that auto-negotiate between 1GbE, 10GbE, 25GbE, 40GbE, and 100GbE to deliver nonblocking performance.

The CX 6300L switch models are designed for environments needing scalability, high-capacity, and cost-effective connectivity in the access layer. Features include:

- 24 ports of SR10 (1G/2.5G/5G/10G) or 48 ports of SR5 (1G/2.5G/5G) HPE Aruba Networking Switch Smart Rate² multi-gigabit Ethernet downlinks that support high-power IEEE 802.3bt Class 6 (60W) to Class 8 (90W) PoE and MACsec 256 data link layer encryption
- Scalability with VSF front-plane stacking up to 10 CX 6300L switch members (does not stack with CX 6300F or CX 6300M)
- Layer 2 switching with support for IPv4-based static routing, quality of service (QoS), IPv4 access control lists (ACLs), and user-based tunneling for dynamic segmentation³
- Modular, hot-swappable power supplies and fans that allow you to customize for PoE requirements and field replacement needs

High availability and resiliency

To help ensure a high degree of uptime, we offer high availability and multicast features needed for access deployment without the need for software licenses.

This includes:

- Hot-swappable power supplies available
 - Provides N+1 and N+N redundancy for high reliability in the event of power line or supply failures

² 100M use on Smart Rate ports is limited to full-duplex only. For 100M half-duplex support, use 1G ports on other CX 6300 models.

³ VXLAN tunnelling not supported on CX 6300L switch models.

- Optional secondary power supplies to increase the total available PoE power
- Bidirectional forward detection (BFD) enables subsecond failure detection for rapid routing protocol rebalancing, supporting both IPv4 and IPv6 networks
- Unidirectional link detection (UDLD) to monitor link connectivity and shut down ports at both ends if unidirectional traffic is detected, preventing loops in STP-based networks
- IEEE 802.3ad link-aggregation-control protocol (LACP) supports up to 256 link aggregation groups (LAGs), each with up to 16 links per LAG, and provides support for static or dynamic groups and a user-selectable hashing algorithm
- IEEE 802.3ad LACP and port trunking support static and dynamic trunks, where each trunk supports up to eight links (ports) per static trunk
- IEEE 802.1s multiple spanning tree provides high link availability in VLAN environments where multiple Spanning Trees are required, with legacy support for IEEE 802.1d and IEEE 802.1w
- Support for Microsoft network loadbalancing (NLB) for server applications
- Ethernet ring protection switching (ERPS) supports rapid protection and recovery in a topology
- Hot-patching support for stand-alone CX 6300L and for VSF stacked CX 6300L switches

QoS features

To support congestion actions and traffic prioritization, the HPE Aruba Networking CX 6300L switches include the following:

- Strict priority (SP) queuing and deficit weighted round robin (DWRR)
- Traffic prioritization (IEEE 802.1p) for real-time classification into eight priority levels that are mapped to eight queues
- Layer 4 prioritization based on TCP/UDP port numbers

- Class of service (CoS) sets the IEEE 802.1p priority tag based on IP address, IP type of service (ToS), TCP/UDP port number, source port, and DiffServ
- Rate limiting sets per-port ingress enforced maximums and per-port, per-queue minimums
- Transmission rates of egressing frames can be limited on a per-queue basis using egress queue shaping (EQS)
- Large buffers for graceful congestion management

Simplified configuration and management

In addition to HPE Aruba Networking Central, the HPE Aruba Networking CX Mobile App, HPE Aruba Networking Switch Multi-Edit Software, and HPE Aruba Networking Network Analytics Engine, the CX 6300L series offers the following:

- Built-in programmable and easy-to-use REST API interface.
- Simple day zero provisioning.
- Scalable ASIC-based wirespeed network monitoring and accounting with no impact on network performance; network operators can gather a variety of network statistics and information for capacity planning and real-time network monitoring purposes.
- Management interface control enables or disables each of the following depending on security preferences, console port, or reset button.
- Industry-standard CLI with a hierarchical structure for reduced training time and expense. Delivers increased productivity in multivendor environments.
- Management security restricts access to critical configuration commands and provides multiple privilege levels with password protection, and local and remote syslog capabilities allow logging of all access.
- SNMPv2c/v3 provides SNMP read and trap support of industry standard management information base (MIB) and private extensions.



- SNMP support includes write set speed and duplex, write port security, write PoE priority, write config management, SNMP-read single OID for average CPU and memory, and SNMP MIB View.
 - SNMP trap includes Transceiver traps (insertion/removal), SNMP trap, SNMP MIB-SNMP authentication, SNMPv2 MIB, port sec MIB-Port sec, config MIB-Running config change, config MIB, AAA server MIB, AAA server state.
 - Remote monitoring (RMON) with standard SNMP to monitor essential network functions. Supports events, alarms, history, and statistics groups as well as a private alarm extension group; RMON, and sFlow® provide advanced monitoring and reporting capabilities for statistics, history, alarms, and events.
 - IP Flow Information Export (IPFIX) enables client flow information collection to enhance visibility.
 - Simplifies configuration while onboarding switches with zero touch provisioning by using Dynamic Border Gateway Protocol (BGP) peering to establish a peer group of switches within an IP range.
 - Provides insights on latency, failures, and error events through HPE Aruba Networking Central for enhanced visibility during client onboarding.
 - TFTP and SFTP support offers different mechanisms for configuration updates; trivial FTP (TFTP) allows bidirectional transfers over a TCP/ IP network; Secure File Transfer Protocol (SFTP) runs over an SSH tunnel to provide additional security.
 - Debug and sampler utility supports ping and traceroute for IPv4 and IPv6.
 - Network Time Protocol (NTP) synchronizes timekeeping among distributed time servers and clients; keeps timekeeping consistent among all clock-dependent devices within the network, so the devices can provide diverse applications based on the consistent time.
 - IEEE 802.1AB Link Layer Discovery Protocol (LLDP) advertises and receives management information from adjacent devices on a network, facilitating easy mapping by network management applications.
 - Dual flash images provide independent primary and secondary operating system files for backup while upgrading.
 - Assignment of descriptive names to ports for easy identification.
 - Multiple configuration files can be stored in a flash image.
 - Ingress and egress port monitoring enables more efficient network problem solving.
 - UDLD monitors the link between two switches and blocks the ports on both ends of the link if the link goes down at any point between the two devices.
 - IP SLA for voice monitors the quality of voice traffic using the UDP jitter and UDP jitter for voice over Internet Protocol (VoIP) tests.
 - Precision time protocol (PTP) allows precise clock synchronization across distributed network switches as defined in IEEE 1588. Transparent clock (PTP-TC) and boundary clock (PTP-BC) are needed for time-critical applications like smart grid power automation, financial systems, and more. Boundary clocks make use of a 2-step time stamping mode.
- ### Layer 2 switching
- The following Layer 2 services are supported:
- VLAN support and tagging for IEEE 802.1Q (4094 VLAN IDs).
 - Jumbo packet support improves the performance of large data transfers; supports frame size of up to 9198 bytes.
 - IEEE 802.1v protocol VLANs isolate select non-IPv4 protocols automatically into their own VLANs.
 - Rapid per-VLAN Spanning Tree (RPVST+) allows each VLAN to build a separate Spanning Tree to improve link bandwidth usage; is compatible with PVST+
 - MVRP and allows automatic learning and dynamic assignment of VLANs.
 - Port mirroring duplicates port traffic (ingress and egress) to a monitoring port; supports four mirroring groups.
 - STP supports standard IEEE 802.1D STP, IEEE 802.1w Rapid Spanning Tree Protocol (RSTP) for faster convergence and IEEE 802.1s Multiple Spanning Tree Protocol (MSTP).
 - Internet Group Management Protocol (IGMP snooping) controls and manages the flooding of multicast packets in a Layer 2 network.
 - QinQ supports to improve the VLAN utilization by adding another 802.1Q tag to tagged packets.
- ### Security
- The HPE Aruba Networking CX 6300L Switch Series comes with an integrated trusted platform module (TPM) for platform integrity. This helps ensure the boot process starts from a trusted combination of the HPE Aruba Networking CX Switch Operating System. Other security features include the following:
- HPE Aruba Networking CX Switch Operating System uses FIPS 140-2 validated cryptography for protection of sensitive information.
 - ACL support for IPv4; allows for filtering traffic to prevent unauthorized users from accessing the network, or for controlling network traffic to save resources; rules can either deny or permit traffic to be forwarded; rules can be based on a Layer 2 header.
 - ACLs also provide filtering based on the IP field, source/destination IP address/subnet, and source/ destination TCP/UDP port number on a per-VLAN or per-port basis.



- Enrollment over Secure Transport (EST) enables secure certificate enrollment, allowing easier enterprise management of PKI.
- Remote Authentication Dial-In User Service (RADIUS).
- Terminal Access Controller Access-Control System (TACACS+) delivers an authentication tool using TCP with encryption of the full authentication request, providing additional security.
- Management access security for both on- and off-box authentication for administrative access. RADIUS or TACACS+ can be used to provide encrypted user authentication. Additionally, TACACS+ can also provide admin authorization services.
- Control Plane Policing sets a rate limit on control protocols to protect CPU overload from denial-of-service (DoS) attacks.
- Supports multiple user authentication methods. Uses an IEEE 802.1X supplicant on the client in conjunction with a RADIUS server to authenticate in accordance with industry standards.
- Web-based authentication using captive portal on HPE Aruba Networking ClearPass Policy Manager is supported for use cases such as guest access and for devices that don't support 802.1X or MAC Auth.
- Supports MAC-based client authentication.
- Concurrent IEEE 802.1X, web, and MAC authentication schemes per switch port accept up to 32 sessions of IEEE 802.1X, web, and MAC authentication.
- DHCP protection blocks DHCP packets from unauthorized DHCP servers, preventing DoS attacks.
- Secure management access delivers secure encryption of all access methods (CLI, GUI, or MIB) through SSHv2, SSL, and/or SNMPv3.
- Switch CPU protection provides automatic protection against malicious network traffic trying to shut down the switch.
- ICMP throttling defeats ICMP DoS attacks by enabling any switch port to automatically throttle ICMP traffic.
- Identity-driven ACL enables implementation of a highly granular and flexible access security policy and VLAN assignment specific to each authenticated network user.
- Dynamic IP lockdown works with DHCP protection to block traffic from unauthorized hosts, preventing IP source address spoofing.
- Dynamic ARP protection blocks ARP broadcasts from unauthorized hosts, preventing eavesdropping or theft of network data.
- STP BPDU port protection blocks Bridge Protocol Data Units (BPDUs) on ports that do not require BPDUs, preventing forged BPDU attacks
- STP root guard protects the root bridge from malicious attacks or configuration mistakes.
- Port security allows access only to specified MAC addresses, which can be learned or specified by the administrator.
- MAC address lockout prevents particular configured MAC addresses from connecting to the network.
- Source-port filtering allows only specified ports to communicate with each other.
- SSH encrypts all transmitted data for secure remote CLI access over IP networks.
- SSL encrypts all HTTP traffic, allowing secure access to the browser-based management GUI in the switch.
- Secure FTP allows secure file transfer to and from the switch; protects against unwanted file downloads or unauthorized copying of a switch configuration file.
- Critical authentication role helps ensure that important infrastructure devices, such as IP phones, are allowed network access even in the absence of a RADIUS server.
- MAC pinning allows nonchatty legacy devices to stay authenticated by pinning client MAC addresses to the port until the clients log off or get disconnected.
- Security banner displays a customized security policy when users log in to the switch.
- RadSec enables RADIUS authentication and accounting data to be passed safely and reliably across insecure networks.
- Private VLAN (PVLAN) provides traffic isolation between users on the same VLAN; typically, a switch port can only communicate with other ports in the same community and/or an uplink port, regardless of VLAN ID or destination MAC address. This extends network security by restricting peer-to-peer communication to prevent a variety of malicious attacks.
- Auto VLAN creation automates VLAN creation on access switches for authenticated clients.
- DHCP smart relay allows the DHCP relay agent to use secondary IP addresses when the DHCP server does not reply to the DHCP Offer message.
- IEEE 802.1AE MACsec provides switch-to-switch and switch-to-host security on a link between two ports using standard encryption and authentication, available on uplink and downlink ports.



Multicast

- IGMP snooping allows multiple VLANs to receive the same IPv4 multicast traffic, lessening network bandwidth demand by reducing multiple streams to each VLAN.

Convergence

- LLDP-MED (Media Endpoint Discovery) defines a standard extension of LLDP that stores values for parameters such as QoS and VLAN to automatically configure network devices such as IP phones.
- PoE allocations support multiple methods (allocation by usage or class, with LLDP and LLDP-MED) to allocate PoE power for more efficient power management and energy savings.
- Auto VLAN configuration for voice RADIUS VLAN uses a standard RADIUS attribute and LLDP-MED to automatically configure a VLAN for IP phones.
- CDPv2 can be used to configure legacy IP phones.

Additional information

- IT sustainable initiative support for Restriction of Hazardous Substances (RoHS) (EN 50581:2012) and waste electrical and electronic equipment (WEEE) regulations

Customer first, customer last support

When your network is important to your business, your business needs the backing of HPE Aruba Networking support services. Partner with HPE Aruba Networking product experts to increase your team productivity, keep pace with technology advances, software releases, and obtain break-fix support.

HPE Aruba Networking Foundational Care support services include priority access to HPE Aruba Networking Technical Assistance Center (TAC) engineers 24x7x365, flexible hardware and on-site support options, and total coverage for HPE Aruba Networking products. HPE Aruba Networking switches with assigned HPE Aruba Networking Central subscriptions benefit with option for additional hardware support only.

HPE Aruba Networking Pro Care adds fast access to senior HPE Aruba Networking TAC engineers, who are assigned as a single point of contact for case management, reducing the time spent addressing and resolving issues.

For complete details on HPE Aruba Networking Foundational Care and HPE Aruba Networking Pro Care, visit: [HPE Aruba Networking Support Services](#)

Warranty, services, and support

Limited lifetime warranty—See [HPE Aruba Networking warranty and support summary document](#) for warranty and support information included with your product purchase.

For more detailed information on HPE Aruba Networking CX Switch Operating System software release and features, visit the [HPE Aruba Networking CX Switch Operating System Switch Software Documentation Portal](#).

Explore and compare switch features for each platform and software release on the [HPE Aruba Networking Switch Feature Navigator](#).

For software releases and documentation, refer to the [HPE Networking Support Portal](#).

For support and services information, visit [HPE Aruba Networking Support Services](#)



Technical specifications

	HPE Aruba Networking 6300L 48p Smart Rate 1G/2.5G/5G Class8/6 PoE 2p 50G and 2p 10G LRM L2 Switch (S3L77A)	HPE Aruba Networking 6300L 24p Smart Rate 1G/2.5G/5G/10G Class6 PoE 2p 50G and 2p 25G L2 Switch (S3L75A)	HPE Aruba Networking 6300L 48p Smart Rate 1G/2.5G/5G Class8 PoE 2p 50G and 2p 25G L2 Switch (S3L76A)
Description	<p>48x ports Smart Rate 100M/1G/2.5G/5G BASE-T⁴ Class 8 PoE ports supporting up to 90W per port on ports 1–12, and up to 60W per port on ports 13–48 (MACsec)</p> <p>2x 10G/25G/50G SFP ports</p> <p>2x 1G/10G SFP ports (LRM + MACsec)</p> <p>Supports PoE standards IEEE 802.3af, 802.3at and 802.3bt (up to 90W)</p> <p>1x USB-C console port</p> <p>1x RJ45 console port</p> <p>1x OOBM</p> <p>1x USB Type A host port</p>	<p>24x ports Smart Rate 100M/1G/2.5G/5G/10G BASE-T⁴ Class 6 PoE ports supporting up to 60W per port (MACsec)</p> <p>2x 10G/25G/50G SFP ports</p> <p>2x 10G/25G SFP ports (MACsec)</p> <p>Supports PoE standards IEEE 802.3af, 802.3at and 802.3bt (up to 60W)</p> <p>1x USB-C console port</p> <p>1x RJ console port</p> <p>1x OOBM port</p> <p>1x USB Type A host port</p>	<p>48x ports Smart Rate 100M/1G/2.5G/5G BASE-T⁴ Class 8 PoE ports supporting up to 90W per port (MACsec)</p> <p>2x 10G/25G/50G SFP ports</p> <p>2x 10G/25G SFP ports (MACsec)</p> <p>Supports PoE standards IEEE 802.3af, 802.3at and 802.3bt (up to 90W)</p> <p>1x USB-C console port</p> <p>1x RJ console port</p> <p>1x OOBM port</p> <p>1x USB Type A host port</p>
Power supplies	<p>2 field-replaceable, hot-swappable power supply slots, 1 minimum power supply required (ordered separately)</p> <p>Supported PSUs</p> <p>JL086A</p> <p>JL087A</p> <p>JL670A</p> <p>Max. PoE power: 2880W</p>	<p>2 field-replaceable, hot-swappable power supply slots, 1 minimum power supply required (ordered separately)</p> <p>Supported PSUs</p> <p>JL086A</p> <p>JL087A</p> <p>JL670A</p> <p>Max. PoE power: 2880W</p>	<p>2 field-replaceable, hot-swappable power supply slots, 1 minimum power supply required (ordered separately)</p> <p>Supported PSUs</p> <p>JL086A</p> <p>JL087A</p> <p>JL670A</p> <p>Max. PoE power: 2880W</p>
Fans	<p>Switch has two fan tray slots and comes with two fan trays installed</p> <ul style="list-style-type: none"> • Min. 2 fan trays required. • Fan trays are field replaceable and hot swappable. • Each fan tray contains two fans. 	<p>Switch has two fan tray slots and comes with two fan trays installed.</p> <ul style="list-style-type: none"> • Min. 2 fan trays required. • Fan trays are field replaceable and hot swappable. • Each fan tray contains two fans. 	<p>Switch has two fan tray slots and comes with two fan trays installed</p> <ul style="list-style-type: none"> • Min. 2 fan trays required. • Fan trays are field replaceable and hot swappable. • Each fan tray contains two fans.
Physical characteristics			
Dimensions	4.4 cm (h) x 44.2 cm (w) x 38.5 cm (d) (1.73" x 17.4" x 15.2")	4.4 cm (h) x 44.2 cm (w) x 38.5 cm (d) 38.5 cm (1.73" x 17.4" x 15.2")	4.4 cm (h) x 44.2 cm (w) x 38.5 cm (d) 38.5 cm (1.73" x 17.4" x 15.2")
Configuration weight	5.47 kg (12.06 lb)	5.26 kg (11.60 lb)	5.48 kg (12.08 lb)

⁴ 100M use on HPE Aruba Networking Switch Smart Rate ports is limited to full-duplex only. For 100M half-duplex support, use 1G ports on other models. VSF stacking is not supported on 1G ports.



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Additional specifications			
CPU	Quad Core Arm® Cortex A72 @ 1.8 GHz	Quad Core Arm Cortex A72 @ 1.8 GHz	Quad Core Arm Cortex A72 @ 1.8 GHz
Memory and flash	8 GB DDR4 32 GB eMMC	8 GB DDR4 32 GB eMMC	8 GB DDR4 32 GB eMMC
Packet buffer	16 MB	16 MB	16 MB
Performance			
Switching capacity	720 Gbps	780 Gbps	780 Gbps
Throughput capacity	535 Mpps	580 Mpps	580 Mpps
Average latency (LIFO-64-bytes packets)	1 Gbps: 4.24 µs	1 Gbps: 4.24 µs	1 Gbps: 4.24 µs
	10 Gbps: 1.50 µs	10 Gbps: 1.50 µs	10 Gbps: 1.50 µs
	25 Gbps: 2.91 µs	25 Gbps: 2.91 µs	25 Gbps: 2.91 µs
	50 Gbps: 3.49 µs	50 Gbps: 3.49 µs	50 Gbps: 3.49 µs
Stack size	10 members	10 members	10 members
Max. stacking distance	Up to 10 km with long-range transceivers	Up to 10 km with long-range transceivers	Up to 10 km with long-range transceivers
Stacking bandwidth	200 Gbps	200 Gbps	200 Gbps
Switched virtual interfaces (dual stack)	1024	1024	1024
IPv4 host table (ARP)	49,152	49,152	49,152
IPv6 host table (ND)	N/A ⁵	N/A ⁵	N/A ⁵
IPv4 unicast routes	61,000	61,000	61,000
IPv6 unicast routes	N/A ⁵	N/A ⁵	N/A ⁵
IPv4 multicast routes	N/A ⁵	N/A ⁵	N/A ⁵
IPv6 multicast routes	N/A ⁵	N/A ⁵	N/A ⁵
MAC table capacity	32,768	32,768	32,768
IGMP groups	4096	4096	4096
MLD groups	N/A ⁵	N/A ⁵	N/A ⁵
IPv4/IPv6/MAC ACL entries (ingress)	20,480 / N/A ⁵ / 20,480	20,480 / 5120 / 20,480	20,480 / 5120 / 20,480
IPv4/IPv6/MAC ACL entries (egress)	8192 / N/A ⁵ / 8192	8192 / N/A ⁵ / 8192	8192 / N/A ⁵ / 8192
VRF	1 default VRF, 1 management VRF	1 default VRF, 1 management VRF	1 default VRF, 1 management VRF

⁵ IPv6 and multicast are not supported on CX 6300L.



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Environment			
Operating temperature	32°F to 113°F (0°C to 45°C) up to 5000 ft. Derate -1°C for every 1000 ft from 5000 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods ⁶ of time.	32°F to 113°F (0°C to 45°C) up to 5000 ft. Derate -1°C for every 1000 ft from 5000 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods ⁶ of time.	32°F to 113°F (0°C to 45°C) up to 5000 ft. Derate -1°C for every 1000 ft from 5000 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods ⁶ of time.
Operating relative humidity	5% to 95% @ 104°F (40°C) noncondensing	5% to 95% @ 104°F (40°C) noncondensing	5% to 95% @ 104°F (40°C) noncondensing
Nonoperating	-40°F to 158°F (-40°C to 70°C) up to 15,000 ft	-40°F to 158°F (-40°C to 70°C) up to 15,000 ft	-40°F to 158°F (-40°C to 70°C) up to 15,000 ft
Nonoperating storage relative humidity	5% to 95% @ 149°F (65°C) noncondensing	5% to 95% @ 149°F (65°C) noncondensing	5% to 95% @ 149°F (65°C) noncondensing
Max. operating altitude	10,000 ft (3.04 km) max.	10,000 ft (3.04 km) max.	10,000 ft (3.04 km) max.
Max. nonoperating altitude	15,000 ft (4.6 km) max.	15,000 ft (4.6 km) max.	15,000 ft (4.6 km) max.
Acoustic	Sound power, LWAd = 4.9 Bel Sound pressure, LpAm (bystander) = 32.6 dB	Sound power, LWAd = 4.9 Bel Sound pressure, LpAm (bystander) = 33.0 dB	Sound power, LWAd = 5.0 Bel Sound pressure, LpAm (bystander) = 33.4 dB
Primary airflow	Front and side to back	Front and side to back	Front and side to back
Electrical characteristics			
Frequency	50 Hz/60 Hz	50 Hz/60 Hz	50 Hz/60 Hz
Input voltage	JL670A PSU: 110V-120V/208V-240V JL086A PSU: 100V-240V JL087A PSU: 110V-240V	JL670A PSU: 110V-120V/208V-240V JL086A PSU: 100V-240V JL087A PSU: 110V-240V	JL670A PSU: 110V-120V/208V-240V JL086A PSU: 100V-240V JL087A PSU: 110V-240V
Current (for voltages listed above)	JL670A PSU: 11A/8A JL086A PSU: 8A/3.5A JL087A PSU: 12A/5A	JL670A PSU: 11A/8A JL086A PSU: 8A/3.5A JL087A PSU: 12A/5A	JL670A PSU: 11A/8A JL086A PSU: 8A/3.5A JL087A PSU: 12A/5A
Power consumption (230 VAC)	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	With JL086A PSU: Idle: 90W 100% traffic rate: 143W with JL087A PSU: Idle: 90W 100% traffic rate: 140W with JL670A PSU: Idle: 101W 100% traffic rate: 152W	With JL086A PSU: Idle: 104W 100% traffic rate: 173W with JL087A PSU: Idle: 104W 100% traffic rate: 173W with JL670A PSU: Idle: 115W 100% traffic rate: 184W

⁶ No more than 96 consecutive hours and no more than 360 hours total (15 days) in 1 year.



Technical specifications

	HPE Aruba Networking 6300L 48p Smart Rate 1G/2.5G/5G Class8/6 PoE 2p 50G and 2p 10G LRM L2 Switch (S3L77A)	HPE Aruba Networking 6300L 24p Smart Rate 1G/2.5G/5G/10G Class6 PoE 2p 50G and 2p 25G L2 Switch (S3L75A)	HPE Aruba Networking 6300L 48p Smart Rate 1G/2.5G/5G Class8 PoE 2p 50G and 2p 25G L2 Switch (S3L76A)
Safety			
Include U.S., Canada, Europe, worldwide	Europe: EN 62368-1:2014 +A11:2017 2nd Ed EN 62368-1:2020 +A11:2020 3rd Ed UK: BS EN 62368-1:2014 + A11:2017 2nd Ed BS EN 62368-1:2020 + A11:2020 3rd Ed U.S./Canada: UL 62368-1 2nd Ed. CAN/CSA-C22.2 No. 62368-1-14 2nd Ed Worldwide: IEC 62368-1:2018 3rd Ed. w/all known national deviations	Europe: EN 62368-1:2014 +A11:2017 2nd Ed EN 62368-1:2020 +A11:2020 3rd Ed UK: BS EN 62368-1:2014 + A11:2017 2nd Ed BS EN 62368-1:2020 + A11:2020 3rd Ed U.S./Canada: UL 62368-1 2nd Ed. CAN/CSA-C22.2 No. 62368-1-14 2nd Ed Worldwide: IEC 60950-1:2005 + Am1:2009 + Am2:2013 w/all known national deviations IEC 62368-1:2018 3rd Ed. w/all known national deviations	Europe: EN 62368-1:2014 +A11:2017 2nd Ed EN 62368-1:2020 +A11:2020 3rd Ed UK: BS EN 62368-1:2014 + A11:2017 2nd Ed BS EN 62368-1:2020 + A11:2020 3rd Ed U.S./Canada: UL 62368-1 2nd Ed. CAN/CSA-C22.2 No. 62368-1-14 2nd Ed Worldwide: IEC 60950-1:2005 + Am1:2009 + Am2:2013 w/all known national Deviations IEC 62368-1:2018 3rd Ed. w/all known national deviations
Emissions			
Include U.S., Canada, Europe, worldwide	Europe: EN 55032:2015 +A11:2020, Class A EN 55035:2017 +A11:2020 EN 61000-3-2:2014, Class A EN 61000-3-3:2013 U.S./Canada: FCC CFR47 Part 15:2014, Class A ICES-003 Class A Worldwide: VCCI Class A CISPR 32 Class A CISPR 35:2016	Europe: EN 55032:2015 +A11:2020, Class A EN 55035:2017 +A11:2020 EN 61000-3-2:2014, Class A EN 61000-3-3:2013 U.S./Canada: FCC CFR47 Part 15:2014, Class A ICES-003 Class A Worldwide: VCCI Class A CISPR 32 Class A CISPR 35:2016	Europe: EN 55032:2015 +A11:2020, Class A EN 55035:2017 +A11:2020 EN 61000-3-2:2014, Class A EN 61000-3-3:2013 U.S./Canada: FCC CFR47 Part 15:2014, Class A ICES-003 Class A Worldwide: VCCI Class A CISPR 32 Class A CISPR 35:2016
Lasers			
Include U.S., Canada, Europe, worldwide	EN 60825-1:2014 +A11:2021/ IEC 60825-1:2014 Class 1 Class 1 laser products / laser klasse 1 (applicable for accessories: optical transceivers only)	EN 60825-1:2014 / IEC 60825-1:2014 Class 1 Class 1 laser products / laser klasse 1 (applicable for accessories: optical transceivers only)	EN 60825-1:2014 / IEC 60825-1:2014 Class 1 Class 1 laser products / laser klasse 1 (applicable for accessories: optical transceivers only)



Technical specifications

	HPE Aruba Networking 6300L 48p Smart Rate 1G/2.5G/5G Class8/6 PoE 2p 50G and 2p 10G LRM L2 Switch (S3L77A)	HPE Aruba Networking 6300L 24p Smart Rate 1G/2.5G/5G/10G Class6 PoE 2p 50G and 2p 25G L2 Switch (S3L75A)	HPE Aruba Networking 6300L 48p Smart Rate 1G/2.5G/5G Class8 PoE 2p 50G and 2p 25G L2 Switch (S3L76A)
Immunity			
Generic	CISPR 35	CISPR 35	CISPR 35
EN	EN 55035:2017+A11:2020	EN 55035:2017+A11:2020	EN 55035:2017+A11:2020
ESD	IEC 61000-4-2	IEC 61000-4-2	IEC 61000-4-2
Radiated	IEC 61000-4-3	IEC 61000-4-3	IEC 61000-4-3
EFT/Burst	IEC 61000-4-4	IEC 61000-4-4	IEC 61000-4-4
Surge	IEC 61000-4-5	IEC 61000-4-5	IEC 61000-4-5
Conducted	IEC 61000-4-6	IEC 61000-4-6	IEC 61000-4-6
Power frequency magnetic field	IEC 61000-4-8	IEC 61000-4-8	IEC 61000-4-8
Voltage dips and interruptions	IEC 61000-4-11	IEC 61000-4-11	IEC 61000-4-11
Harmonics	IEC 61000-3-2, EN 61000-3-2	IEC 61000-3-2, EN 61000-3-2	IEC 61000-3-2, EN 61000-3-2
Flicker	IEC 61000-3-3, EN 61000-3-3	IEC 61000-3-3, EN 61000-3-3	IEC 61000-3-3, EN 61000-3-3
Mounting and enclosure			
	Mounts in an EIA-standard 19 in. telco rack or equipment cabinet. Horizontal surface mounting only. 2-post rack kit included.	Mounts in an EIA-standard 19 in. telco rack or equipment cabinet. Horizontal surface mounting only. 2-post rack kit included.	Mounts in an EIA-standard 19 in. telco rack or equipment cabinet. Horizontal surface mounting only. 2-post rack kit included.



Standards and protocols

- ANSI/TIA-1057 LLDP Media Endpoint Discovery (LLDP-MED)
- CPU DoS Protection
- Bootstrap Router (BSR) Mechanism for PIM, PIM WG draft-ietf-savi-mix
- IEEE 802.1AB-2005
- IEEE 802.1ak-2007
- IEEE 802.1AX-2008 Link Aggregation
- IEEE 802.1D MAC Bridges
- IEEE 802.1p Priority
- IEEE 802.1Q VLANs
- IEEE 802.1s Multiple Spanning Trees
- IEEE 802.1t-2001
- IEEE 802.1v VLAN classification by Protocol and Port
- IEEE 802.1w Rapid Reconfiguration of Spanning Tree
- IEEE 802.3ab 1000 BASE-T
- IEEE 802.3ad Link Aggregation Control Protocol (LACP)
- IEEE 802.3ae 10-Gigabit Ethernet
- IEEE 802.3af Power over Ethernet
- IEEE 802.3at Power over Ethernet
- IEEE 802.3bt Power over Ethernet
- IEEE 802.3az Energy Efficient Ethernet (EEE)
- IEEE 802.3x Flow Control
- IEEE 802.3z 1000 BASE-T
- RFC 1122 Requirements for Internet Hosts—Communications Layers
- RFC 1215 Convention for defining traps for use with the SNMP
- RFC 1256 ICMP Router Discovery Messages
- RFC 1350 TFTP Protocol (revision 2)
- RFC 1393 Traceroute Using an IP Option
- RFC 1519 CIDR
- RFC 1542 BOOTP Extensions
- RFC 1591 Domain Name System Structure and Delegation
- RFC 1812 Requirements for IP Version 4 Router
- RFC 1918 Address Allocation for Private Internet
- RFC 2131 DHCP
- RFC 2132 DHCP Options and BOOTP Vendor Extensions
- RFC 2401 Security Architecture for the Internet Protocol
- RFC 2402 IP Authentication Header
- RFC 2579 (SMIPv2 Text Conventions)
- RFC 2580 (SMIPv2 Conformance)
- RFC 2925 Definitions of Managed Objects for Remote Ping, Traceroute, and Lookup Operations (Ping only)
- RFC 3046 DHCP Relay Agent Information Option
- RFC 3068 An Anycast prefix for 6to4 Relay Route
- RFC 3416 (SNMP Protocol Operations v2)
- RFC 3417 (SNMP Transport Mappings)
- RFC 3418 Management Information Base (MIB) for the Simple Network Management Protocol (SNMP)
- RFC 3575 IANA Considerations for RADIUS
- RFC 4022 MIB for TCP
- RFC 4113 MIB for UDP
- RFC 4251 The Secure Shell (SSH) Protocol
- RFC 4252 SSHv6 Authentication
- RFC 4253 SSHv6 Transport Layer
- RFC 4254 SSHv6 Connection
- RFC 4292 IP Forwarding Table MIB
- RFC 4293 Management Information Base for the Internet Protocol (IP)
- RFC 4419 Key Exchange for SSH
- RFC 4443 ICMPv6
- RFC 4541 IGMP & MLD Snooping Switch
- RFC 4675 RADIUS VLAN & Priority
- RFC 5424 Syslog Protocol
- RFC 5880 Bidirectional Forwarding Detection
- RFC 5905 Network Time Protocol Version 4: Protocol and Algorithms Specification
- RFC 6620 FCFS SAVI
- RFC 7047 The Open vSwitch Database Management Protocol
- RFC 768 User Datagram Protocol
- RFC 783 TFTP Protocol (revision 2)
- RFC 791 IP
- RFC 792 ICMP
- RFC 793 TCP
- RFC 813 Window and Acknowledgement Strategy in TCP
- RFC 815 IP datagram reassembly algorithms
- RFC 826 ARP
- RFC 879 TCP maximum segment size and related topics
- RFC 896 Congestion control in IP/TCP internetworks
- RFC 917 Internet subnets
- RFC 919 Broadcasting Internet Datagrams
- RFC 922 Broadcasting Internet Datagrams in the Presence of Subnets (IP_BROAD)
- RFC 925 Multi-LAN address resolution
- RFC 951 BOOTP
- RFC 1027 Proxy ARP
- SNMPv1/v2c/v3
- ITU-T Rec G.8032/Y.1344 Mar. 2010
- RFC 1757 Remote Network Monitoring Management Information Base
- 2.5G/5G BASE-T (IEEE 802.3bz-2016)
- 2.5G/5G NBASE-T
- 10G BASE-T (IEEE 802.3an-2006)
- 25-Gigabit Ethernet (IEEE 802.3by-2016, 802.3cc-2017)
- 50-Gigabit Ethernet (IEEE 802.3cd-2018)



HPE Aruba Networking CX 6300L Switch Series and accessories

Layer 2 Switch models

- HPE Aruba Networking 6300L 24p Smart Rate 1G/2.5G/5G/10G Class6 PoE 2p 50G and 2p 25G L2 Switch (S3L75A)
- HPE Aruba Networking 6300L 48p Smart Rate 1G/2.5G/5G Class8 PoE 2p 50G and 2p 25G L2 Switch (S3L76A)
- HPE Aruba Networking 6300L 48p Smart Rate 1G/2.5G/5G Class8/6 PoE 2p 50G and 2p 10G LRM L2 Switch (S3L77A)

Power supplies

- HPE Aruba Networking X372 54VDC 680W 100-240VAC Power Supply (JL086A)
- HPE Aruba Networking X372 54VDC 1050W 110-240VAC Power Supply (JL087A)
- HPE Aruba Networking X372 54VDC 1600W 110-240VAC Power Supply (JL670A)

Fan trays

- HPE Aruba Networking X751 Front to Back Fan Tray (JL669B)

Accessories

- HPE X410 1U Universal 4-post Rack Mount Kit (J9583A)
- HPE Aruba Networking X414 1U Universal 4-pack Rack Mounting Kit (J9583B)
- HPE Aruba Networking USB-A to RJ45 PC-to-Switch Cable (R9G48B)
- HPE Aruba Networking USB-A to RJ45 PIN3TX-6RX Cable (R8Z87A)
- HPE Aruba Networking USB-A to USB-C PC-to-Switch Cable (R9J32A)
- HPE Aruba Networking USB-C to USB-C PC-to-Switch Cable (R9J33A)
- HPE Aruba Networking CX Switch Bluetooth Adapter (S1H23A)

Transceivers

- HPE Aruba Networking 100M SFP LC FX 2km MMF XCVR (J9054D)⁷
- HPE Aruba Networking 1G SFP LC SX 500m MMF Transceiver (J4858D)
- HPE Aruba Networking 1G SFP LC LX 10km SMF Transceiver (J4859D)
- HPE Aruba Networking 1G SFP LC LH 70km SMF Transceiver (J4860D)
- HPE Aruba Networking 1G SFP RJ45 T 100m Cat5e Transceiver (J8177D)
- HPE Aruba Networking 1G SFP LC SX 500m MMF TAA Transceiver (JL745A)
- HPE Aruba Networking 1G SFP LC LX 10km SMF TAA Transceiver (JL746A)
- HPE Aruba Networking 1G SFP RJ45 T 100m Cat5e TAA Transceiver (JL747A)
- HPE Aruba Networking 10G SFP+ LC SR 300m MMF Transceiver (J9150D)
- HPE Aruba Networking 10G SFP+ LC LRM 220m MMF Transceiver (J9152D)⁸
- HPE Aruba Networking 10G SFP+ LC LR 10km SMF Transceiver (J9151E)
- HPE Aruba Networking 10G SFP+ LC ER 40km SMF Transceiver (J9153D)
- HPE Aruba Networking 10G BASE-T SFP+ RJ45 30m Transceiver (JL563C)
- HPE Aruba Networking 10G SFP+ LC SR 300m MMF TAA Transceiver (JL748A)
- HPE Aruba Networking 10G SR SFP+ LC 400m OM4 C-XCVR (S2P30A)
- HPE Aruba Networking 10G LR SFP+ LC 10km SMF C-XCVR (S2P31A)
- HPE Aruba Networking 10G ER SFP+ LC 40km SMF C-XCVR (S2P32A)
- HPE Aruba Networking 25G SR SFP28 LC 100m MMF C-XCVR (S2P33A)
- HPE Aruba Networking 25G LR SFP28 LC 10km SMF C-XCVR (S2P34A)
- HPE Aruba Networking 10G SFP+ LC LR 10km SMF TAA Transceiver (JL749A)
- HPE Aruba Networking 25G SFP28 LC SR 100m MMF Transceiver (JL484A)
- HPE Aruba Networking 25G SFP28 LC eSR 400m MMF Transceiver (JL485A)
- HPE Aruba Networking 25G eSR SFP28 LC 400m TAA Transceiver (S5U19A)
- HPE Aruba Networking 25G SFP28 LC LR 10km SMF Transceiver (JL486A)
- HPE Aruba Networking 25G SFP LC LR 10km SMF TAA XCVR (S2N63A)
- HPE Aruba Networking 50G SFP56 LC SR 100m MMF XCVR (ROM48A)
- HPE Aruba Networking 50G eSR 300m MMF Transceiver (SOV64A)
- HPE Aruba Networking 50G LR 10kmSMF Transceiver (SOV65A)
- HPE Aruba Networking 50G ER 40km SMF Transceiver (SOV66A)
- HPE Aruba Networking 25G ER LC 40km SMF Transceiver (SOV69A)
- HPE Aruba Networking 50G BiDi 10km-Downstream 1330/1270 Transceiver (S1C92A)
- HPE Aruba Networking 50G BiDi 10km-Upstream 1270/1330 Transceiver (S1C94A)
- HPE Aruba Networking 25G BiDi 10km-Downstream 1330/1270 Transceiver (S1C96A)
- HPE Aruba Networking 25G BiDi 10km-Upstream 1270/1330 Transceiver (S1C98A)
- HPE Aruba Networking 25G BR40-D 1314/1289 Transceiver (SOV70A)
- HPE Aruba Networking 25G BR40-D 1289/1314 Transceiver (SOV71A)

⁷ 100 Mbps transceivers are not supported in any SFP56 port on all models.

⁸ J9152D XCVR is natively supported only in the S2P51A and S3L77A models.



Data sheet

Cables

- HPE Aruba Networking 10G SFP+ to SFP+ 1m Direct Attach Copper Cable (J9281D)
- HPE Aruba Networking 10G SFP+ to SFP+ 3m Direct Attach Copper Cable (J9283D)
- HPE Aruba Networking 25G SFP28 to SFP28 0.65m Direct Attach Copper Cable (JL487A)
- HPE Aruba Networking 25G SFP28 to SFP28 3m Direct Attach Copper Cable (JL488A)
- HPE Aruba Networking 25G SFP28 to SFP28 5m Direct Attach Copper Cable (JL489A)
- HPE Aruba Networking 50G SFP56 to SFP56 0.65m DAC Cable (ROM46A)
- HPE Aruba Networking 50G SFP56 to SFP56 3m DAC Cable (ROM47A)
- HPE Aruba Networking 25G SFP28 to SFP28 3m AOC (ROM44A)
- HPE Aruba Networking 25G SFP28 to SFP28 7m AOC (ROM45A)
- HPE Aruba Networking 25G SFP28 to SFP28 15m AOC (ROZ21A)

Software

- HPE Aruba Networking CX Mobile App (available at no cost)
- HPE Aruba Networking Switch Multi-Edit Software Single Node: 1 year (JL639AAE)
- HPE Aruba Networking Switch Multi-Edit Software Single Node: 3 years (JL640AAE)

HPE Aruba Networking Central Foundational licenses

- HPE Aruba Networking Central Switch 6300/38xx Foundational 1 year Subscription E-STU (Q9Y78AAE)
- HPE Aruba Networking Central Switch 6300/38xx Foundational 3 year Subscription E-STU (Q9Y79AAE)

- HPE Aruba Networking Central Switch 6300/38xx Foundational 5 year Subscription E-STU (Q9Y80AAE)
- HPE Aruba Networking Central Switch 6300/38xx Foundational 7 year Subscription E-STU (Q9Y81AAE)
- HPE Aruba Networking Central Switch 6300/38xx Foundational 10 year Subscription E-STU (R3K02AAE)
- HPE Aruba Networking Central 63xx or 38xx Switch Foundational 1 year Subscription E-STU (Q9Y78AAE)
- HPE Aruba Networking Central On-Premises 63xx or 38xx Switch Foundational 1 year Subscription E-STU (R6U83AAE)
- HPE Aruba Networking Central On-Premises 63xx or 38xx Switch Foundational 3 year Subscription E-STU (R6U84AAE)
- HPE Aruba Networking Central 63xx or 38xx Switch Foundational 3 year Subscription E-STU (Q9Y79AAE)
- HPE Aruba Networking Central On-Premises 63xx or 38xx Switch Foundational 5 year Subscription E-STU (R6U85AAE)
- HPE Aruba Networking Central 63xx or 38xx Switch Foundational 5 year Subscription E-STU (Q9Y80AAE)
- HPE Aruba Networking Central On-Premises 63xx or 38xx Switch Foundational 7 year Subscription E-STU (R6U86AAE)
- HPE Aruba Networking Central 63xx or 38xx Switch Foundational 7 year Subscription E-STU (Q9Y81AAE)
- HPE Aruba Networking Central On-Premises 63xx or 38xx Switch Foundational 10 year Subscription E-STU (R6U87AAE)

- HPE Aruba Networking Central 63xx or 38xx Switch Foundational 10 year Subscription E-STU (R3K02AAE)

For details and complete listing of HPE Aruba Networking Central licensing options, see the [HPE Aruba Networking Central data sheet](#).

HPE Aruba Networking Fabric Composer

- HPE Aruba Networking Fabric Composer Device Management Service Tier 3 Switch 1 year Subscription E-STU (R8D18AAE)
- HPE Aruba Networking Fabric Composer Device Management Service Tier 3 Switch 3 year Subscription E-STU (R8D19AAE)
- HPE Aruba Networking Fabric Composer Device Management Service Tier 3 Switch 5 year Subscription E-STU (R8D20AAE)

Support

- JL658A: 4 Hour On-site 3 Year (HR4C9E)
- JL659A: 4 Hour On-site 3 Year (HR4R3E)
- JL660A: 4 Hour On-site 3 Year (HL5Z0E)
- JL661A: 4 Hour On-site 3 Year (HR4Z8E)
- JL662A: 4 Hour On-site 3 Year (HL6R3E)
- JL663A: 4 Hour On-site 3 Year (HR5N2E)
- JL664A: 4 Hour On-site 3 Year (HL7J3E)
- JL665A: 4 Hour On-site 3 Year (HR5W0E)
- JL666A: 4 Hour On-site 3 Year (HR6E5E)
- JL667A: 4 Hour On-site 3 Year (HR6P0E)
- JL668A: 4 Hour On-site 3 Year (HR6X5E)
- JL762A: 4 Hour On-site 3 Year (HR5N2E)

For HPE Aruba Networking Central hardware only support, 24x7 TAC support, and many other support options, check the [Support Services HPE Aruba Networking SKU lookup tool](#).

Learn more at

[HPE.com/us/en/aruba-cx-switches.html](https://www.hpe.com/us/en/aruba-cx-switches.html)

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

