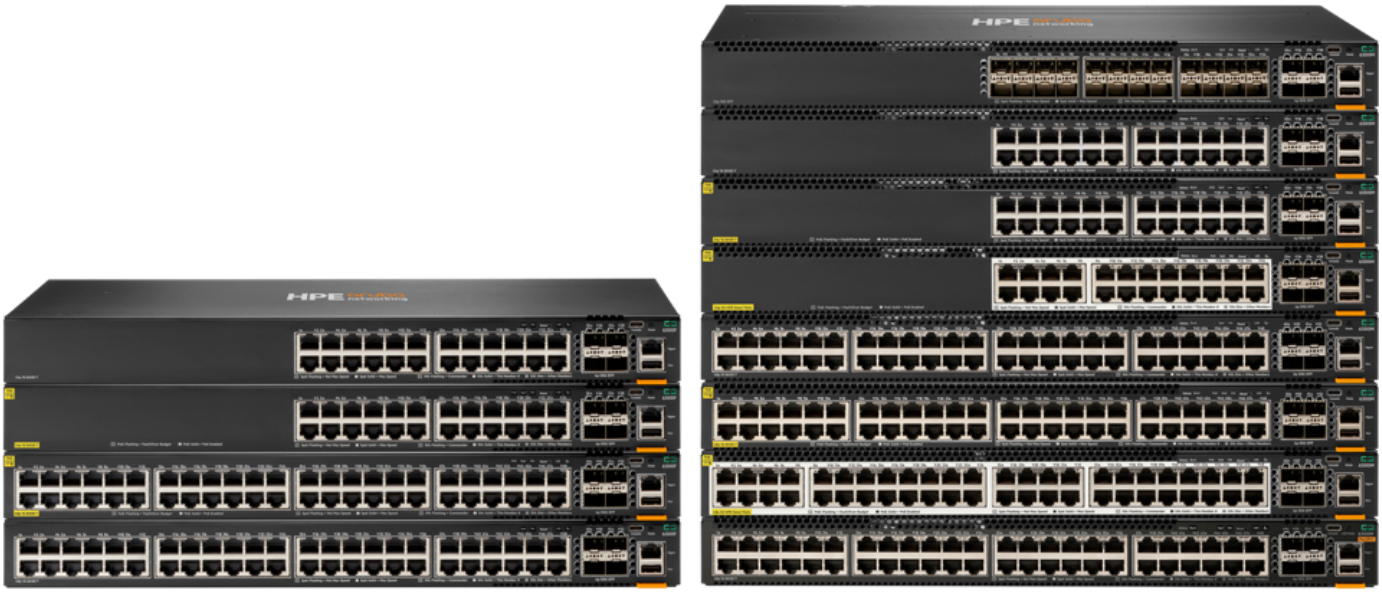
Data sheet

# HPE Networking CX6300 Switch Series



## What's new

- The HPE Aruba Networking CX 6300 Switch Series is a family of stackable Layer 3 switches with BGP, EVPN, VXLAN, VRF, OSPF routing, robust quality of service (QoS), MACsec 256, PTP, AVB and LRM [1]
- Three stackable Layer 2-only <a href="https://www.hpe.com/psnow/doc/a00148251enw?jumpid=in_pdp-psnow-docs" target="_blank">CX 6300L</a> switches 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

## 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). It features a cloud-native design and fully programmable operating system (OS). The CX 6300 delivers advanced monitoring and troubleshooting with capabilities such as a real-time network analytics engine, HPE Aruba Networking Switch Multi-Edit Software and flexible deployment options to implement and validate network configurations.

A powerful Gen7 ASIC architecture delivers fast, non-blocking performance for AI, Wi-Fi 7, and Internet of Things (IoT) requirements. 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.

2 to 10-member Virtual Switching Framework (VSF) stacking for scale, or 2-member Virtual Switching Extension (VSX) cluster for active-active redundancy

– Options include 24 to 48 HPE Smart Rate multi-gigabit ports (1/2.5/5/10GbE) and 1GbE fiber, supporting up to 90W 802.3bt PoE, all with telemetry and automation via the CX Network Analytics Engine

– Manage through a 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

### AI-ready performance and power

The HPE Aruba Networking CX 6300 Switch Series is a wire-speed solution that uses a fully distributed architecture with Gen7 ASICs that deliver low latency, increased packet buffering, and intelligent power consumption for AI, Wi-Fi 7, and Internet of Things (IoT) requirements.

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 100GbE for a total of 200 to 400 Gbps of stacking throughput per switch.

HPE Aruba Networking Virtual Switching Extension (VSX) and an inter-switch link (ISL) provide a high-availability solution that maintains state synchronization and an independent control plane across a 2-member active-active switch design [2].

HPE Smart Rate multi-gigabit Ethernet delivers adaptive speed options for Wi-Fi, Internet of Things (IoT), and other clients, alongside Class 4 (30W), Class 6 (60W), and Class 8 (90W) PoE on each port (720W, 1440W, and 2880W maximum PoE budget options).

Additional features include a hibernation mode that enables CX 6300 and CX 6300L (Layer 2-only) switches to schedule downtime to conserve energy. Note: CX 6300L stackable switches are Layer 2-only, balancing scalability, high-capacity, and cost-effective connectivity.

### Automation and analytics

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

HPE Aruba Networking Central provides secure, AI-native full-stack network management and operations to optimize performance, accelerate troubleshooting, and unify wired networks with Wi-Fi, wide area networks, and more.

HPE Aruba Networking CX Network Analytics Engine (NAE) provides real-time insights and actions, analyzing events that can impact network health and even mitigating problems directly through quarantining to support network, application, system and security operations.

HPE Aruba Networking Switch Multi-Edit Software introduces automation that allows for rapid network-wide changes and helps ensure 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 for continual conformance validation.

### Full stack management and security

The HPE Aruba Networking CX 6300 Switch Series is supported on HPE Aruba Networking Central for a 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 are available through CX Advanced Feature Pack [1].

Switch-to-switch tunnels enable scalable multi-tenancy support with Virtual Extensible Local-Area Networks (VXLAN) to VRF mapping, while allowing policy application through user roles [1].

Reduce manual IT operations tasks around initial deployment or ongoing configuration changes to accommodate adds, moves, and changes with colorless ports using local user roles and local MAC authentication (LMA).

### Deploy in data center topologies

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

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

| Technical specifications | HPE Networking CX6300 Switch Series |
|---|---|
| **Power consumption** | Up to 211W depending on model |
| **Input voltage** | Maximum 120V/208V–240V depending on PSU model |
| **Ports** | Up to 48 HPE Smart Rate ports (1G/2.5G/5G/10GbE) |
| **Latency** | Depending on model |
| **Switching capacity** | From to 880 Gbps to 1760 Gbps, depending on model and configuration |
| **Stacking capabilities** | Up to 10 members per stack.<br><br>Note: CX 6300L switches only stack with other CX 6300L switches |
| **Throughput** | From to 660 Mpps to 1310 Mpps, depending on model and configuration |
| **Memory and processor** | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, depending on model and configuration |
| **Power supply** | 2 field-replaceable, hot-swappable power supply slots |
| **PoE capability** | Maximum PoE power: Up to 370W, 720W, 1440W, 2640W, or 2880W, depending on model and installed power supplies |
| **Operating temperature** | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate -1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. |
| **Management features** | Management flexibility with support for HPE Aruba Networking Central, easy-to-use Web GUI, CLI, and HPE Aruba Networking Switch Multi-Edit Software |
| **Warranty** | Limited lifetime warranty. See warranty details. |
| **Shipping weight** | 6.02 kg, maximum, depending on model |
| **Shipping dimensions** | 4.4 x 44.2 x 38.5 cm, maximum, depending on model |
| **Fans** | The switch has two fan tray slots and comes with one or two fan trays installed depending on the model. Fan trays are field replaceable and hot-swappable. Each fan tray contains two fans. |

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

[2] The simultaneous use of HPE Aruba Networking Virtual Switching Framework stacking and its cluster is not supported. A switch may either be its member or an HPE Aruba Networking Virtual Switching Extension cluster.

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

## 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) | HPE Aruba Networking CX 6300F 24p 10M/100M/1G 4p SFP56 50G TAA Switch (S0G98A) | HPE Aruba Networking CX 6300F 24p 10M/100M/1G Class4 PoE 4p SFP56 50G TAA Switch (S0G96A) |
|---|---|---|---|---|---|
| **Differentiator** | Layer 2 only L switch does not support Layer 3 features in the F and M models<br>Class 4 PoE/PoE+ | Non-PoE | Class 4 PoE/PoE+ | Non-PoE<br>TAA certified | Class 4 PoE/PoE+<br>TAA certified |
| **Power consumption** | With single JL086A PSU:<br>Idle: 207W<br>100% Traffic Rate: 283W<br>With single JL087A PSU:<br>Idle: 208W<br>100% Traffic Rate: 282W<br>With single JL670A PSU:<br>Idle: 211W<br>100% Traffic Rate: 283W | Idle: 49W<br>100% Traffic Rate: 63W | Idle: 52W<br>100% Traffic Rate: 67W | Idle: 49W<br>100% Traffic Rate: 63W | Idle: 52W<br>100% Traffic Rate: 67W |
| **Input voltage** | JL670A PSU:<br>110V–120V/208V–240V<br>JL086A PSU: 100V–240V<br>JL087A PSU: 110V–240V | Fixed PSU:<br>100V–120V/200V–240V | Fixed PSU:<br>100V–120V/200V–240V | Fixed PSU:<br>100V120V/200V240V | Fixed PSU:<br>100V120V/200V240V |

| | 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) | HPE Aruba Networking CX 6300F 24p 10M/100M/1G 4p SFP56 50G TAA Switch (S0G98A) | HPE Aruba Networking CX 6300F 24p 10M/100M/1G Class4 PoE 4p SFP56 50G TAA Switch (S0G96A) |
|---|---|---|---|---|---|
| **Ports** | 48x 10/100/1000 BaseT PoE+ ports supporting up to 30W per port<br>4x 1G/10G/25G/50G [4] SFP ports<br>Supports PoE standards IEEE 802.3af, 802.3at<br><br>1x USB-C console port<br>1x USB Type-A host port<br>1x OOBM port<br><br>[4] 450G 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 require 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 x 10/100/1000 BaseT ports<br>4 x 1G/10G/25G/50G [4] SFP ports<br>Supports PoE standards IEEE 802.3af, 802.3at<br><br>1 x USB-C console port<br>1 x USB Type-A host port<br>1 x OOBM port | 24 x 10/100/1000 BaseT ports supporting up to 30W per port<br>4 x 1G/10G/25G/50G [4] SFP ports<br>Supports PoE standards IEEE 802.3af, 802.3at<br><br>1 x USB-C console port<br>1 x USB Type-A host port<br>1 x OOBM port | 24x 10/100/1000 BaseT ports<br>4x 1G/10G/25G/50G [4] SFP ports<br>Supports PoE standards IEEE 802.3af, 802.3at<br><br>1x USB-C console port<br>1x USB Type-A host port<br>1x OOBM port<br><br>[4] 450G 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 require 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. | 24x 10/100/1000 BaseT ports supporting up to 30W per port<br>4x 1G/10G/25G/50G [4] SFP ports<br>Supports PoE standards IEEE 802.3af, 802.3at<br><br>1x USB-C console port<br>1x USB Type-A host port<br>1x OOBM port<br><br>[4] 450G 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 require 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: 4.24 s<br>10 Gbps: 1.50 s<br>25 Gbps: 2.91 s<br>50 Gbps: 3.49 s | 1 Gbps: 2.28 s<br>10 Gbps: 1.46 s<br>25 Gbps: 1.90 s<br>50 Gbps: 3.49 s | 1 Gbps: 2.28 s<br>10 Gbps: 1.46 s<br>25 Gbps: 1.90 s<br>50 Gbps: 3.49 s | 1 Gbps: 2.28 s<br>10 Gbps: 1.46 s<br>25 Gbps: 1.90 s<br>50 Gbps: 3.49 s | 1 Gbps: 2.28 s<br>10 Gbps: 1.46 s<br>25 Gbps: 1.90 s<br>50 Gbps: 3.49 s |
| **Switching capacity** | 720 Gbps | 448 Gbps | 448 Gbps | 448 Gbps | 448 Gbps |
| **Stacking capabilities** | Up to 10 members per stack.<br><br>Note: CX 6300L switches only stack with other CX 6300L switches | | | | |
| **Throughput** | 535 Mpps | 334 Mpps | 334 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) | HPE Aruba Networking CX 6300F 24p 10M/100M/1G 4p SFP56 50G TAA Switch (S0G98A) | HPE Aruba Networking CX 6300F 24p 10M/100M/1G Class4 PoE 4p SFP56 50G TAA Switch (S0G96A) |
|---|---|---|---|---|---|
| **Memory and processor** | Quad Core Arm® Cortex® A72 @ 1.8GHz,<br>8 GB DDR4, 32 GB eMMC<br><br>16 MB Shared Packet Buffer Memory | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, depending on model and configuration | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, depending on model and configuration | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, depending on model and configuration | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, depending on model and configuration |
| **Power supply** | 2 fieldreplaceable, hotswappable power supply slots 1 minimum power supply required (ordered separately). Supported PSUs JL086A, JL087A and JL670A. | Internal (fixed) power supply (200W) | Internal (fixed) power supply (950W) | Internal (fixed) power supply (200W) | Internal (fixed) power supply (950W) |
| **PoE capability** | Maximum PoE power: 2880W | | Maximum PoE power: 370W | | Maximum PoE power: 370W |
| **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°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. |
| **Management features** | 1 default VRF, 1 management VRF | Management flexibility with support for HPE Aruba Networking Central, easy-to-use Web GUI, CLI, and HPE Aruba Networking Switch Multi-Edit Software | Management flexibility with support for HPE Aruba Networking Central, easy-to-use Web GUI, CLI, and HPE Aruba Networking Switch Multi-Edit Software | Management flexibility with support for HPE Aruba Networking Central, easy-to-use Web GUI, CLI, and HPE Aruba Networking Switch Multi-Edit Software | Management flexibility with support for HPE Aruba Networking Central, easy-to-use Web GUI, CLI, and HPE Aruba Networking Switch Multi-Edit Software |
| **Warranty** | Limited lifetime warranty. See warranty details. | | | | |

| | 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) | HPE Aruba Networking CX 6300F 24p 10M/100M/1G 4p SFP56 50G TAA Switch (S0G98A) | HPE Aruba Networking CX 6300F 24p 10M/100M/1G Class4 PoE 4p SFP56 50G TAA Switch (S0G96A) |
|---|---|---|---|---|---|
| **Fans** | Switch has two fan tray slots and comes with one fan tray installed. Minimum one fan tray required. Fan trays are field replaceable and hotswappable. Each fan tray contains two fans. | Fixed fans | Fixed fans | Fixed fans | Fixed fans |

| | HPE Aruba Networking CX 6300F 48-port 1GbE and 4-port SFP56 Switch (JL667A) | 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 (S0G97A) | HPE Aruba Networking CX 6300F 48p 10M/100M/1G Class4 PoE 4p SFP56 50G TAA Switch (S0G95A) | HPE Aruba Networking CX 6300L 24p Smart Rate 1G/2.5G/5G/10G CL6 2p SFP56 50G 2p SFP28 25G L2 Switch (S3L75A) |
|---|---|---|---|---|---|
| **Differentiator** | Non-PoE | Class 4 PoE/PoE+ | Non-PoE<br>TAA certified | Class 4 PoE/PoE+<br>TAA certified | Layer 2 only L switch does not support Layer 3 features in the F and M models<br>Non-PoE |
| **Power consumption** | Idle: 52W<br>100% Traffic Rate: 74W | Idle: 63W<br>100% Traffic Rate: 86W | Idle: 52W<br>100% Traffic Rate: 74W | Idle: 63W<br>100% Traffic Rate: 86W | With JL086A PSU:<br>Hibernation (0 rpm fan): 37W<br>Idle: 90W<br>100% Traffic Rate: 143W<br>With JL087A PSU:<br>Hibernation (0 rpm fan):41W<br>Idle: 90W<br>100% Traffic Rate: 140W<br>With JL670A PSU:<br>Hibernation (0 rpm fan): 35W<br>Idle: 101W<br>100% Traffic Rate: 152W |
| **Input voltage** | Fixed PSU:<br>100V–120V/200V–240V | Fixed PSU:<br>100V–120V/200V–240V | Fixed PSU:<br>100V120V/200V240V | Fixed PSU:<br>100V120V/200V240V | JL670A PSU:<br>110V–120V/208V–240V<br>JL086A PSU: 100V–240V<br>JL087A PSU: 110V–240V |

| | HPE Aruba Networking CX 6300F 48-port 1GbE and 4-port SFP56 Switch (JL667A) | 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 (S0G97A) | HPE Aruba Networking CX 6300F 48p 10M/100M/1G Class4 PoE 4p SFP56 50G TAA Switch (S0G95A) | HPE Aruba Networking CX 6300L 24p Smart Rate 1G/2.5G/5G/10G CL6 2p SFP56 50G 2p SFP28 25G L2 Switch (S3L75A) |
|---|---|---|---|---|---|
| **Ports** | 48 x 10/100/1000 BaseT ports<br>4 x 1G/10G/25G/50G [4] SFP ports<br>Supports PoE standards IEEE 802.3af, 802.3at<br><br>1 x USB-C console port<br>1 x USB Type-A host port<br>1 x OOBM port | 48 x 10/100/1000 BaseT PoE+ ports supporting up to 30W per port<br>4 x 1G/10G/25G/50G [4] SFP ports<br>Supports PoE standards IEEE 802.3af, 802.3at<br><br>1 x USB-C console port<br>1 x USB Type-A host port<br>1 x OOBM port | 48x 10/100/1000 BaseT ports<br>4x 1G/10G/25G/50G [4] SFP ports<br>Supports PoE standards IEEE 802.3af, 802.3at<br><br>1x USB-C console port<br>1x USB Type-A host port<br>1x OOBM port<br><br>[4] 450G 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 require 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. | 48x 10/100/1000 BaseT PoE+ ports supporting up to 30W per port<br>4x 1G/10G/25G/50G [4] SFP ports<br>Supports PoE standards IEEE 802.3af, 802.3at<br><br>1x USB-C console port<br>1x USB Type-A host port<br>1x OOBM port<br><br>[4] 450G 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 require 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. | 24x HPE Smart Rate 100M [5]/1G/2.5G/5G BaseT Class 6 PoE ports supporting up to 60W per port<br>4x 1G/10G/25G/50G [4] SFP ports<br>Supports PoE standards IEEE 802.3af, 802.3at and 802.3bt (up to 60W)<br><br>1x USB-C console port<br>1x USB Type-A host port<br>1x OOBM port<br>[4] 450G 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 require 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.<br>[5] 100M use on HPE Smart Rate ports is limited to fullduplex only. For 100M halfduplex support, use 1G ports on other models. |
| **Latency** | 1 Gbps: 2.28 s<br>10 Gbps: 1.46 s<br>25 Gbps: 1.90 s<br>50 Gbps: 3.49 s | 1 Gbps: 2.28 s<br>10 Gbps: 1.46 s<br>25 Gbps: 1.90 s<br>50 Gbps: 3.49 s | 1 Gbps: 2.28 s<br>10 Gbps: 1.46 s<br>25 Gbps: 1.90 s<br>50 Gbps: 3.49 s | 1 Gbps: 2.28 s<br>10 Gbps: 1.46 s<br>25 Gbps: 1.90 s<br>50 Gbps: 3.49 s | 1 Gbps: 4.24 s<br>10 Gbps: 1.50 s<br>25 Gbps: 2.91 s<br>50 Gbps: 3.49 s |
| **Switching capacity** | 496 Gbps | 496 Gbps | 496 Gbps | 496 Gbps | 780 Gbps |

| | HPE Aruba Networking CX 6300F 48-port 1GbE and 4-port SFP56 Switch (JL667A) | 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 (S0G97A) | HPE Aruba Networking CX 6300F 48p 10M/100M/1G Class4 PoE 4p SFP56 50G TAA Switch (S0G95A) | HPE Aruba Networking CX 6300L 24p Smart Rate 1G/2.5G/5G/10G CL6 2p SFP56 50G 2p SFP28 25G L2 Switch (S3L75A) |
|---|---|---|---|---|---|
| **Stacking capabilities** | Up to 10 members per stack.<br>Note: CX 6300L switches only stack with other CX 6300L switches | | | | |
| **Throughput** | 369 Mpps | 369 Mpps | 369 Mpps | 369 Mpps | 580 Mpps |
| **Memory and processor** | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, depending on model and configuration | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, depending on model and configuration | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, depending on model and configuration | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, depending on model and configuration | Quad Core Arm® Cortex® A72 @ 1.8GHz,<br>8 GB DDR4, 32 GB eMMC<br><br>16 MB Shared Packet Buffer Memory |
| **Power supply** | Internal (fixed) power supply (200W) | Internal (fixed) power supply (950W) | Internal (fixed) power supply (200W) | Internal (fixed) power supply (950W) | 2 fieldreplaceable, hotswappable power supply slots 1 minimum power supply required (ordered separately). Supported PSUs JL086A, JL087A and JL670A. |
| **PoE capability** | | Maximum PoE power: 740W | | Maximum PoE power: 740W | Maximum PoE power:2880W |
| **Operating temperature** | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. | 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 10000 ft. |
| **Management features** | Management flexibility with support for HPE Aruba Networking Central, easy-to-use Web GUI, CLI, and HPE Aruba Networking Switch Multi-Edit Software | Management flexibility with support for HPE Aruba Networking Central, easy-to-use Web GUI, CLI, and HPE Aruba Networking Switch Multi-Edit Software | Management flexibility with support for HPE Aruba Networking Central, easy-to-use Web GUI, CLI, and HPE Aruba Networking Switch Multi-Edit Software | Management flexibility with support for HPE Aruba Networking Central, easy-to-use Web GUI, CLI, and HPE Aruba Networking Switch Multi-Edit Software | 1 default VRF, 1 management VRF |

| | HPE Aruba Networking CX 6300F 48-port 1GbE and 4-port SFP56 Switch (JL667A) | 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 (S0G97A) | HPE Aruba Networking CX 6300F 48p 10M/100M/1G Class4 PoE 4p SFP56 50G TAA Switch (S0G95A) | HPE Aruba Networking CX 6300L 24p Smart Rate 1G/2.5G/5G/10G CL6 2p SFP56 50G 2p SFP28 25G L2 Switch (S3L75A) |
|---|---|---|---|---|---|
| **Warranty** | Limited lifetime warranty. See warranty details. | | | | |
| **Fans** | Fixed fans | Fixed fans | Fixed fans | Fixed fans | Switch has two fan tray slots and comes with two fan trays installed. Minimum two fan trays required. Fan trays are field replaceable and hotswappable. Each fan tray contains two fans. |

| | 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) | 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) |
|---|---|---|---|---|---|
| **Differentiator** | Layer 2 only L switch does not support Layer 3 features in the F and M models<br>Non-PoE | Class 4 PoE/PoE+ | Non-PoE | Class 4 PoE/PoE+ | Class 4 PoE/PoE+ |
| **Power consumption** | With JL086A PSU:<br>Hibernation (0 rpm fan): 43W<br>Idle: 104W<br>100% Traffic Rate: 173W<br>With JL087A PSU:<br>Hibernation (0 rpm fan): 41W<br>Idle: 104W<br>100% Traffic Rate: 173W<br>With JL670A PSU:<br>Hibernation (0 rpm fan): 37W<br>Idle: 115W<br>100% Traffic Rate: 184W | With JL086A PSU:<br>Idle: 70W<br>100% Traffic Rate: 90W<br>With JL087A PSU:<br>Idle: 71W<br>100% Traffic Rate: 88W<br>With JL670A PSU:<br>Idle: 73W<br>100% Traffic Rate: 96W | Idle: 49W<br>100% Traffic Rate: 64W | With JL086A PSU:<br>Idle: 60W<br>100% Traffic Rate: 76W<br>With JL087A PSU:<br>Idle: 59W<br>100% Traffic Rate: 74W<br>With JL670A PSU:<br>Idle: 62W<br>100% Traffic Rate: 81W | With JL086A PSU:<br>Idle: 93W<br>100% Traffic Rate: 137W<br>With JL087A PSU:<br>Idle: 91W<br>100% Traffic Rate: 131W<br>With JL670A PSU:<br>Idle: 98W<br>100% Traffic Rate: 139W |
| **Input voltage** | JL670A PSU: 110V–120V/208V–240V<br>JL086A PSU: 100V–240V<br>JL087A PSU: 110V–240V | JL670A PSU: 110V–120V/208V–240V<br>JL086A PSU: 100V–240V<br>JL087A PSU: 110V–240V | JL085A PSU: 100V–240V | JL670A PSU: 110V–120V/208V–240V<br>JL086A PSU: 100V–240V<br>JL087A PSU: 110V–240V | JL670A PSU: 110V–120V/208V–240V<br>JL086A PSU: 100V–240V<br>JL087A PSU: 110V–240V |

| | 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) | 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) |
|---|---|---|---|---|---|
| **Ports** | 48x HPE Smart Rate 100M [5]/1G/2.5G/5G BaseT Class 6 PoE ports supporting up to 60W per port<br>4x 1G/10G/25G/50G [4] SFP ports<br>Supports PoE standards IEEE 802.3af, 802.3at and 802.3bt (up to 60W)<br><br>1x USB-C console port<br>1x USB Type-A host port<br>1x OOBM port<br><br>[4] 450G 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 require 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.<br>[5] 100M use on HPE Smart Rate ports is limited to fullduplex only. For 100M halfduplex support, use 1G ports on other models. | 48 x 10/100/1000 BaseT PoE+ ports supporting up to 30W per port<br>4 x 1G/10G/25G/50G [4] SFP ports<br>Supports PoE standards IEEE 802.3af, 802.3at<br><br>1 x USB-C console port<br>1 x USB Type-A host port<br>1 x OOBM port | 24 x 10/100/1000 BaseT ports<br>4 x 1G/10G/25G/50G [4] SFP ports<br><br>1 x USB-C console port<br>1 x USB Type-A host port<br>1 x OOBM port | 24 x 10/100/1000 BaseT PoE+ ports supporting up to 30W per port<br>4 x 1G/10G/25G/50G [4] SFP ports<br>Supports PoE standards IEEE 802.3af, 802.3at<br><br>1 x USB-C console port<br>1 x USB Type-A host port<br>1 x OOBM port | 24 x HPE Smart Rate 100 M [5]/1G/2.5G/5G BaseT Class 6 PoE ports supporting up to 60W per port<br>4 x 1G/10G/25G/50G [4] SFP ports<br>Supports PoE standards IEEE 802.3af, 802.3at and 802.3bt (up to 60W)<br><br>1 x USB-C console port<br>1 x USB Type-A host port<br>1 x OOBM port |
| **Latency** | 1 Gbps: 4.24 s<br>10 Gbps: 1.50 s<br>25 Gbps: 2.91 s<br>50 Gbps: 3.49 s | 1 Gbps: 4.24 s<br>10 Gbps: 1.50 s<br>25 Gbps: 2.91 s<br>50 Gbps: 3.49 s | 1 Gbps: 2.28 s<br>10 Gbps: 1.46 s<br>25 Gbps: 1.90 s<br>50 Gbps: 3.49 s | 1 Gbps: 2.28 s<br>10 Gbps: 1.46 s<br>25 Gbps: 1.90 s<br>50 Gbps: 3.49 s | 1 Gbps: 2.28 s<br>10 Gbps: 1.46 s<br>25 Gbps: 1.90 s<br>50 Gbps: 3.49 s |
| **Switching capacity** | 780 Gbps | 496 Gbps | 448 Gbps | 448 Gbps | 640 Gbps |

| | 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) | 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) |
|---|---|---|---|---|---|
| **Stacking capabilities** | Up to 10 members per stack.<br>Note: CX 6300L switches only stack with other CX 6300L switches | | | | |
| **Throughput** | 580 Mpps | 369 Mpps | 334 Mpps | 334 Mpps | 476 Mpps |
| **Memory and processor** | Quad Core Arm® Cortex® A72 @ 1.8GHz,<br>8 GB DDR4, 32 GB eMMC<br><br>16 MB Shared Packet Buffer Memory | Quad Core Arm Cortex™ A72 @ 1.8GHz,<br>8 GB DDR4, 32 GB eMMC<br><br>16 MB Shared Packet Buffer Memory | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, depending on model and configuration | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, depending on model and configuration | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, depending on model and configuration |
| **Power supply** | 2 fieldreplaceable, hotswappable power supply slots 1 minimum power supply required (ordered separately). Supported PSUs JL086A, JL087A and JL670A. | 2 fieldreplaceable, hotswappable power supply slots 1 minimum power supply required (ordered separately). Supported PSUs JL086A, JL087A and JL670A | 2 fieldreplaceable, hotswappable power supply slots 1 minimum power supply required (ordered separately). Supports JL085A PSU. | 2 fieldreplaceable, hotswappable power supply slots 1 minimum power supply required (ordered separately). Supported PSUs JL086A, JL087A and JL670A. | 2 fieldreplaceable, hotswappable power supply slots 1 minimum power supply required (ordered separately). Supported PSUs JL086A, JL087A and JL670A. |
| **PoE capability** | Maximum PoE power: 2880W | Maximum PoE power: 1440W | | Maximum PoE power: 720W | Maximum PoE power: 1440W |
| **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°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. | 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 10000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. Requires two fan trays to support excursion. |

| | 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) | 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) |
|---|---|---|---|---|---|
| **Management features** | 1 default VRF, 1 management VRF | Management flexibility with support for HPE Aruba Networking Central, easy-to-use Web GUI, CLI, and HPE Aruba Networking Switch Multi-Edit Software | Management flexibility with support for HPE Aruba Networking Central, easy-to-use Web GUI, CLI, and HPE Aruba Networking Switch Multi-Edit Software | Management flexibility with support for HPE Aruba Networking Central, easy-to-use Web GUI, CLI, and HPE Aruba Networking Switch Multi-Edit Software | Management flexibility with support for HPE Aruba Networking Central, easy-to-use Web GUI, CLI, and HPE Aruba Networking Switch Multi-Edit Software |
| **Warranty** | Limited lifetime warranty. See warranty details. | | | | |
| **Fans** | Switch has two fan tray slots and comes with one fan tray installed.<br>Minimum one fan tray required.<br>Fan trays are field replaceable and hotswappable. Each fan tray contains two fans. | Switch has two fan tray slots and comes with two fan trays installed.<br>Minimum two fan trays required.<br>Fan trays are field replaceable and hotswappable.<br>Each fan tray contains two fans. | Switch has two fan tray slots and comes with one fan tray installed.<br>Minimum one fan trays required. Optional second fan tray ordered separately.<br>Fan trays are field replaceable and hotswappable.<br>Each fan tray contains two fans. | Switch has two fan tray slots and comes with one fan tray installed.<br>Minimum one fan trays required. Optional second fan tray ordered separately.<br>Fan trays are field replaceable and hotswappable.<br>Each fan tray contains two fans. | Switch has two fan tray slots and comes with one fan tray installed.<br>Minimum one fan tray required.<br>Fan trays are field replaceable and hotswappable. Each fan tray contains two fans. |

| | 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 (S0G01A) | HPE Aruba Networking CX 6300M 24p 10M/100M/1G Class4 PoE 4p SFP56 50G TAA Switch (S0F99A) | 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) |
|---|---|---|---|---|---|
| **Differentiator** | Non-PoE | Non-PoE<br>TAA certified | Class 4 PoE/PoE+<br>TAA certified | Non-PoE | Non-PoE<br>TAA certified |
| **Power consumption** | Idle: 51W<br>100% Traffic Rate: 85W | Idle: 49W<br>100% Traffic Rate: 64W | With JL086A PSU:<br>Idle: 60W<br>100% Traffic Rate: 76W<br>With JL087A PSU:<br>Idle: 59W<br>100% Traffic Rate: 74W<br>With JL670A PSU:<br>Idle: 62W<br>100% Traffic Rate: 81W | With JL086A PSU:<br>Idle: 133W<br>100% Traffic Rate: 199W<br>With JL087A PSU:<br>Idle: 138W<br>100% Traffic Rate: 193W<br>With JL670A PSU:<br>Idle: 140W<br>100% Traffic Rate: 201W | Idle: 51W<br>100% Traffic Rate: 85W |
| **Input voltage** | JL085A PSU: 100V–240V | JL085A PSU: 100V–240V | JL670A PSU:<br>110V–120V/208V–240V<br>JL086A PSU: 100V–240V<br>JL087A PSU: 110V–240V | JL670A PSU:<br>110V–120V/208V–240V<br>JL086A PSU: 100V–240V<br>JL087A PSU: 110V–240V | JL085A PSU: 100V–240V |

| | 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 (S0G01A) | HPE Aruba Networking CX 6300M 24p 10M/100M/1G Class4 PoE 4p SFP56 50G TAA Switch (S0F99A) | 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) |
|---|---|---|---|---|---|
| **Ports** | 24 x 1G/10G SFP+ ports<br>4 x 1G/10G/25G/50G [4] SFP ports<br><br>1 x USB-C console port<br>1 x USB Type-A host port<br>1 x OOBM port | 24-port 10/100/1000 BaseT ports<br>4x 1G/10G/25G/50G [4] SFP ports<br><br>1x USBC Console Port<br>1x OOBM port<br>1x USB Type A Host port<br><br>[4] 450G 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 require 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. | 24x 10/100/1000 BaseT PoE+ ports supporting up to 30W per port<br>4x 1G/10G/25G/50G [4] SFP ports<br>Supports PoE standards IEEE 802.3af, 802.3at<br><br>1x USB-C console port<br>1x USB Type-A host port<br>1x OOBM port<br><br>[4] 450G 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 require 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. | 48x HPE Smart Rate 100M [5]/1G/2.5G/5G BaseT Class 6 PoE ports supporting up to 60W per port<br>4x 1G/10G/25G/50G [4] SFP ports<br>Supports PoE standards IEEE 802.3af, 802.3at and 802.3bt (up to 60W)<br><br>1x USB-C console port<br>1x USB Type-A host port<br>1x OOBM port<br><br>[5] 100M use on HPE Smart Rate ports is limited to fullduplex only. For 100M halfduplex support, use 1G ports on other models.<br><br>[4] 450G 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 require 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. | 24x 1G/10G SFP+ ports<br>4x 1G/10G/25G/50G [4] SFP ports<br><br>1x USB-C console port<br>1x USB Type-A host port<br>1x OOBM port<br><br>[4] 450G 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 require 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: 2.28 s<br>10 Gbps: 1.46 s<br>25 Gbps: 1.90 s<br>50 Gbps: 3.49 s | 1 Gbps: 2.28 s<br>10 Gbps: 1.46 s<br>25 Gbps: 1.90 s<br>50 Gbps: 3.49 s | 1 Gbps: 2.28 s<br>10 Gbps: 1.46 s<br>25 Gbps: 1.90 s<br>50 Gbps: 3.49 s | 1 Gbps: 4.24 s<br>10 Gbps: 1.50 s<br>25 Gbps: 2.91 s<br>50 Gbps: 3.49 s | 1 Gbps: 2.28 s<br>10 Gbps: 1.46 s<br>25 Gbps: 1.90 s<br>50 Gbps: 3.49 s |
| **Switching capacity** | 880 Gbps | 448 Gbps | 448 Gbps | 880 Gbps | 880 Gbps |

| | 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 (S0G01A) | HPE Aruba Networking CX 6300M 24p 10M/100M/1G Class4 PoE 4p SFP56 50G TAA Switch (S0F99A) | 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) |
|---|---|---|---|---|---|
| **Stacking capabilities** | Up to 10 members per stack.<br>Note: CX 6300L switches only stack with other CX 6300L switches | | | | |
| **Throughput** | 654 Mpps | 334 Mpps | 334 Mpps | 654 Mpps | 654 Mpps |
| **Memory and processor** | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, depending on model and configuration | | | | |
| **Power supply** | 2 fieldreplaceable, hotswappable power supply slots 1 minimum power supply required (ordered separately). Supports JL085A PSU. | 2 fieldreplaceable, hotswappable power supply slots 1 minimum power supply required (ordered separately). Supports JL085A PSU. | 2 fieldreplaceable, hotswappable power supply slots 1 minimum power supply required (ordered separately). Supported PSUs JL086A, JL087A and JL670A. | 2 field-replaceable, hot-swappable power supply slots 1 minimum power supply required (ordered separately). Supported PSUs JL085A and JL757A. | 2 fieldreplaceable, hotswappable power supply slots 1 minimum power supply required (ordered separately). Supports JL085A PSU. |
| **PoE capability** | | ##BL##BLANK##ANK## | Maximum PoE power: 720W | Maximum PoE power: 2880W | |
| **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 10000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. Operating temperature is reduced to 32°F (0°C) to 104°F (40°C) up to 5000 ft when 10 G SFP+ LR or ER transceivers are installed. | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. | 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 10000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. Operating temperature is reduced to 32°F (0°C) to 104°F (40°C) up to 5000 ft when 10G SFP+ LR or ER transceivers are installed. |
| **Management features** | Management flexibility with support for HPE Aruba Networking Central, easy-to-use Web GUI, CLI, and HPE Aruba Networking Switch Multi-Edit Software | | | | |
| **Warranty** | Limited lifetime warranty. See warranty details. | | | | |

| | 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 (S0G01A) | HPE Aruba Networking CX 6300M 24p 10M/100M/1G Class4 PoE 4p SFP56 50G TAA Switch (S0F99A) | 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) |
|---|---|---|---|---|---|
| **Fans** | Switch has two fan tray slots and comes with two fan trays installed. Minimum two fan trays required. Fan trays are field replaceable and hotswappable. Each fan tray contains two fans. | Switch has two fan tray slots and comes with one fan tray installed. Minimum one fan trays required. Optional second fan tray ordered separately. Fan trays are field replaceable and hotswappable. Each fan tray contains two fans. | Switch has two fan tray slots and comes with one fan tray installed. Minimum one fan trays required. Optional second fan tray ordered separately. Fan trays are field replaceable and hotswappable. Each fan tray contains two fans. | Switch has two fan tray slots and comes with two fan trays installed. Minimum two fan trays required. Fan trays are field replaceable and hotswappable. Each fan tray contains two fans. | Switch has two fan tray slots and comes with two fan trays installed. Minimum two fan trays required. Fan trays are field replaceable and hotswappable. Each fan tray contains two fans. |

| | HPE Aruba Networking CX 6300M 24p SFP+ 1G/10G 4p SFP56 50G 2xFan PSU Bundle (S5Z46A) | HPE Aruba Networking CX 6300M 24p SFP+ 1G/10G 4p SFP56 50G TAA Switch (S0G03A) | 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 (S0G05A) | HPE Aruba Networking CX 6300M 24p Smart Rate 1G/2.5G/5G/10G Class6 PoE 2p 50G 2p 25G Switch (R8S89A) |
|---|---|---|---|---|---|
| **Differentiator** | Non-PoE | Non-PoE<br>TAA certified | Non-PoE | Class 4 PoE/PoE+<br>TAA certified | Class 4 PoE/PoE+ |
| **Power consumption** | Idle: 51W<br>100% Traffic Rate: 85W | Idle: 51W<br>100% Traffic Rate: 85W | With JL086A PSU:<br>Idle: 60W<br>100% Traffic Rate: 76W<br>With JL087A PSU:<br>Idle: 59W<br>100% Traffic Rate: 74W<br>With JL670A PSU:<br>Idle: 62W<br>100% Traffic Rate: 81W | With JL086A PSU:<br>Idle: 93W<br>100% Traffic Rate: 137W<br>With JL087A PSU:<br>Idle: 91W<br>100% Traffic Rate: 131W<br>With JL670A PSU:<br>Idle: 98W<br>100% Traffic Rate: 139W | With JL086A PSU:<br>Idle: 93W<br>100% Traffic Rate: 137W<br>With JL087A PSU:<br>Idle: 91W<br>100% Traffic Rate: 131W<br>With JL670A PSU:<br>Idle: 98W<br>100% Traffic Rate: 139W |
| **Heat dissipation** | Max: 853 BTU/hr<br>Idle: 174 BTU/hr | | | | |
| **Input voltage** | JL085A PSU: 100V–240V | JL085A PSU: 100V–240V | JL670A PSU:<br>110V–120V/208V–240V<br>JL086A PSU: 100V–240V<br>JL087A PSU: 110V–240V | JL670A PSU:<br>110V–120V/208V–240V<br>JL086A PSU: 100V–240V<br>JL087A PSU: 110V–240V | JL670A PSU:<br>110V–120V/208V–240V<br>JL086A PSU: 100V–240V<br>JL087A PSU: 110V–240V |

| | HPE Aruba Networking CX 6300M 24p SFP+ 1G/10G 4p SFP56 50G 2xFan PSU Bundle (S5Z46A) | HPE Aruba Networking CX 6300M 24p SFP+ 1G/10G 4p SFP56 50G TAA Switch (S0G03A) | 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 (S0G05A) | HPE Aruba Networking CX 6300M 24p Smart Rate 1G/2.5G/5G/10G Class6 PoE 2p 50G 2p 25G Switch (R8S89A) |
|---|---|---|---|---|---|
| **Ports** | 24x 1G/10G SFP+ ports<br>4x 1G/10G/25G/50G [4] SFP ports<br><br>1x USB-C console port<br>1x USB Type-A host port<br>1x OOBM port<br><br>[4] 450G 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 require 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. | 24x 1G/10G SFP+ ports<br>4x 1G/10G/25G/50G [4] SFP ports<br><br>1x USB-C console port<br>1x USB Type-A host port<br>1x OOBM port<br><br>[4] 450G 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 require 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 x 10/100/1000 BaseT PoE+ ports supporting up to 30W per port<br>4 x 1G/10G/25G/50G [4] SFP ports<br>Supports PoE standards IEEE 802.3af, 802.3at<br><br>1 x USB-C console port<br>1 x USB Type-A host port<br>1 x OOBM port | 24x HPE Smart Rate 100M [5]/1G/2.5G/5G BaseT Class 6 PoE ports supporting up to 60W per port<br>4x 1G/10G/25G/50G [4] SFP ports<br>Supports PoE standards IEEE 802.3af, 802.3at and 802.3bt (up to 60W)<br><br>1x USB-C console port<br>1x USB Type-A host port<br>1x OOBM port<br>[4] 450G 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 require 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.<br>[5] 100M use on HPE Smart Rate ports is limited to fullduplex only. For 100M halfduplex support, use 1G ports on other models. | 24 x HPE Smart Rate 100 M [5]/1G/2.5G/5G BaseT ports Class 6 PoE ports supporting up to 60W per port<br>4 x 1G/10G/25G/50G [4] SFP ports<br>Supports PoE standards IEEE 802.3af, 802.3at and 802.3bt (up to 60W)<br><br>1 x USB-C console port<br>1 x USB Type-A host port<br>1 x OOBM port |
| **Latency** | 1 Gbps: 2.28 s<br>10 Gbps: 1.46 s<br>25 Gbps: 1.90 s<br>50 Gbps: 3.49 s | 1 Gbps: 2.28 s<br>10 Gbps: 1.46 s<br>25 Gbps: 1.90 s<br>50 Gbps: 3.49 s | 1 Gbps: 4.24 s<br>10 Gbps: 1.50 s<br>25 Gbps: 2.91 s<br>50 Gbps: 3.49 s | 1 Gbps: 4.24 s<br>10 Gbps: 1.50 s<br>25 Gbps: 2.91 s<br>50 Gbps: 3.49 s | 1 Gbps: 4.24 s<br>10 Gbps: 1.50 s<br>25 Gbps: 2.91 s<br>50 Gbps: 3.49 s |
| **Switching capacity** | 880 Gbps | 880 Gbps | 448 Gbps | 640 Gbps | 640 Gbps |

| | HPE Aruba Networking CX 6300M 24p SFP+ 1G/10G 4p SFP56 50G 2xFan PSU Bundle (S5Z46A) | HPE Aruba Networking CX 6300M 24p SFP+ 1G/10G 4p SFP56 50G TAA Switch (S0G03A) | 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 (S0G05A) | HPE Aruba Networking CX 6300M 24p Smart Rate 1G/2.5G/5G/10G Class6 PoE 2p 50G 2p 25G Switch (R8S89A) |
|---|---|---|---|---|---|
| **Stacking capabilities** | Up to 10 members per stack.<br>Note: CX 6300L switches only stack with other CX 6300L switches | | | | |
| **Throughput** | 654 Mpps | 654 Mpps | 334 Mpps | 476 Mpps | 476 Mpps |
| **Memory and processor** | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, depending on model and configuration | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, depending on model and configuration | Quad Core Arm Cortex™ A72 @ 1.8GHz,<br>8 GB DDR4, 32 GB eMMC<br><br>16 MB Shared Packet Buffer Memory | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, depending on model and configuration | Quad Core Arm Cortex™ A72 @ 1.8GHz,<br>8 GB DDR4, 32 GB eMMC<br><br>16 MB Shared Packet Buffer Memory |
| **Power supply** | 2 fieldreplaceable, hotswappable power supply slots | 2 fieldreplaceable, hotswappable power supply slots 1 minimum power supply required (ordered separately). Supports JL085A PSU. | 2 field-replaceable, hot-swappable power supply slots<br>1 minimum power supply required (ordered separately)<br>Supported PSUs JL085A and JL757A. | 2 fieldreplaceable, hotswappable power supply slots 1 minimum power supply required (ordered separately). Supported PSUs JL086A, JL087A and JL670A. | 2 fieldreplaceable, hotswappable power supply slots 1 minimum power supply required (ordered separately). Supported PSUs JL086A, JL087A and JL670A. |
| **PoE capability** | | | Maximum PoE power: 720W | Maximum PoE power: 1440W | Maximum PoE power: 1440W |

| | HPE Aruba Networking CX 6300M 24p SFP+ 1G/10G 4p SFP56 50G 2xFan PSU Bundle (S5Z46A) | HPE Aruba Networking CX 6300M 24p SFP+ 1G/10G 4p SFP56 50G TAA Switch (S0G03A) | 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 (S0G05A) | HPE Aruba Networking CX 6300M 24p Smart Rate 1G/2.5G/5G/10G Class6 PoE 2p 50G 2p 25G Switch (R8S89A) |
|---|---|---|---|---|---|
| **Operating temperature** | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. | 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 10000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. Operating temperature is reduced to 32°F (0°C) to 104°F (40°C) up to 5000 ft when 10G SFP+ LR or ER transceivers are installed. | 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 10000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. 55°C excursion not supported when 10 G LRM/LR/ER inserted. When 10 G BT and 10 G LRM/LR/ER transceivers are installed together, fan redundancy is only supported up to 104°F (40°C) 5000 ft. | 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 10000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. Requires two fan trays to support excursion. | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. |
| **Management features** | Management flexibility with support for HPE Aruba Networking Central, easy-to-use Web GUI, CLI, and HPE Aruba Networking Switch Multi-Edit Software | | | | |
| **Warranty** | Limited lifetime warranty. See warranty details. | | | | |
| **Fans** | Switch has two fan tray slots and comes with two JL669B fan trays installed. Minimum two fan trays required. Fan trays are field replaceable and hotswappable. Each fan tray contains two fans. | Switch has two fan tray slots and comes with two fan trays installed. Minimum two fan trays required. Fan trays are field replaceable and hotswappable. Each fan tray contains two fans. | Switch has two fan tray slots and comes with two fan trays installed. Minimum two fan trays required. Fan trays are field replaceable and hotswappable. Each fan tray contains two fans. | Switch has two fan tray slots and comes with one fan tray installed. Minimum one fan tray required. Fan trays are field replaceable and hotswappable. Each fan tray contains two fans. | Switch has two fan tray slots and comes with two fan trays installed. Minimum two fan trays required. Fan trays are field replaceable and hotswappable. Each fan tray contains two fans. |

| | 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) | 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** | Class 4 PoE/PoE+ | Class 4 PoE/PoE+<br>TAA certified | Non-PoE<br>TAA certified | Non-PoE | Non-PoE |
| **Power consumption** | With JL670A PSU:<br>Idle: 103W<br>100% Traffic Rate: 134W<br>With JL758A PSU:<br>Idle: 111W<br>100% Traffic Rate: 135W | With JL086A PSU:<br>Idle: 60W<br>100% Traffic Rate: 76W<br>With JL087A PSU:<br>Idle: 59W<br>100% Traffic Rate: 74W<br>With JL670A PSU:<br>Idle: 62W<br>100% Traffic Rate: 81W | Idle: 56W<br>100% Traffic Rate: 75W | With JL670A PSU:<br>Idle: 106W<br>100% Traffic Rate: 159W<br>With JL758A PSU:<br>Idle: 118W<br>100% Traffic Rate: 156W | Idle: 56W<br>100% Traffic Rate: 75W |
| **Input voltage** | JL670A PSU: 110V–120V/200V/208V–240V; AC input<br>JL086A PSU: 100V–240V; AC input<br>JL087A PSU: 110V–240V; AC input<br>JL758A PSU: 36–72V; DC input | JL670A PSU: 110V–120V/208V–240V<br>JL086A PSU: 100V–240V<br>JL087A PSU: 110V–240V | JL085A PSU: 100V–240V | JL670A PSU: 110V–120V/200V/208V–240V; AC input<br>JL086A PSU: 100V–240V; AC input<br>JL087A PSU: 110V–240V; AC input<br>JL758A PSU: 36–72V; DC input | JL085A PSU: 100V–240V |

| | 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) | 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) |
|---|---|---|---|---|---|
| **Ports** | 32x 10/100/1000M and 16x HPE Smart Rate 1/2.5/5G BaseT ports (configuration can be changed to 8x HPE Smart Rate 10G BaseT ports) with Class 8 PoE supporting up to 90W per port<br>2x 10G/25G/50G [4] SFP ports<br>2x 10G/25G SFP ports (MACsec)<br>Supports PoE standards IEEE 802.3af, 802.3at and 802.3bt (up to 90W)<br><br>1x USB-C console port<br>1x USB Type-A host port<br>1x OOBM port<br>1x RJ-45 console Port<br>1x Bluetooth dongle to be used with CX Mobile App<br><br>[4] 450G 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 require 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. | 24x 10/100/1000 BaseT PoE+ ports supporting up to 30W per port<br>4x 1G/10G/25G/50G [4] SFP ports<br>Supports PoE standards IEEE 802.3af, 802.3at<br><br>1x USB-C console port<br>1x USB Type-A host port<br>1x OOBM port<br><br>[4] 450G 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 require 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. | 48x 10/100/1000 BaseT ports<br>4x 1G/10G/25G/50G [4] SFP ports<br><br>1x USB-C console port<br>1x USB Type-A host port<br>1x OOBM port<br><br>[4] 450G 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 require 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. | 32x HPE Smart Rate 1G/2.5G/5G Base-T ( configuration can be changed to 16x HPE Smart Rate 1G/2.5G/5G Base-T and 8x HPE Smart Rate 1G/2.5G/5G/10G Base-T ports) Class 8 PoE ports supporting up to 90W POE per port and 8x 1G/10G SFP+ (LRM) ports<br>2x 10G/25G/50G [4] SFP ports<br>2x 10G/25G SFP ports (MACsec)<br>Supports PoE standards IEEE 802.3af, 802.3at and 802.3bt (up to 90W)<br><br>1x USB-C console port<br>1x USB Type-A host port<br>1x OOBM port<br>1x RJ-45 console Port<br>1x Bluetooth dongle to be used with CX Mobile App<br><br>[4] 450G 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 require 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 x 10/100/1000 BaseT ports<br>4 x 1G/10G/25G/50G [4] SFP ports<br><br>1 x USB-C console port<br>1 x USB Type-A host port<br>1 x OOBM port |

| | 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) | 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) |
|---|---|---|---|---|---|
| **Latency** | Less than 5 µs<br>1 Gbps: 3.6 µs | 1 Gbps: 2.28 s<br>10 Gbps: 1.46 s<br>25 Gbps: 1.90 s<br>50 Gbps: 3.49 s | 1 Gbps: 2.28 s<br>10 Gbps: 1.46 s<br>25 Gbps: 1.90 s<br>50 Gbps: 3.49 s | Less than 5 µs<br>10 Gbps LRM: 2.3 µs<br>10 Gbps dual mode ports: 5.5 µs<br>25 Gbps: 3.5 µs | 1 Gbps: 2.28 s<br>10 Gbps: 1.46 s<br>25 Gbps: 1.90 s<br>50 Gbps: 3.49 s |
| **Switching capacity** | 524 Gbps | 448 Gbps | 496 Gbps | 780 Gbps | 496 Gbps |
| **Stacking capabilities** | Up to 10 members per stack.<br>Note: CX 6300L switches only stack with other CX 6300L switches | | | | |
| **Throughput** | 390 Mpps | 334 Mpps | 369 Mpps | 580 Mpps | 369 Mpps |
| **Memory and processor** | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, 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 and JL758A. | 2 fieldreplaceable, hotswappable power supply slots 1 minimum power supply required (ordered separately). Supported PSUs JL086A, JL087A and JL670A. | 2 fieldreplaceable, hotswappable power supply slots 1 minimum power supply required (ordered separately). Supports JL085A PSU. | 2 field-replaceable, hot-swappable power supply slots 1 minimum power supply required (ordered separately). Supported PSUs JL086A, JL087A, JL670A and JL758A. | 2 fieldreplaceable, hotswappable power supply slots 1 minimum power supply required (ordered separately). Supports JL085A PSU. |
| **PoE capability** | Maximum PoE power: 2880W | Maximum PoE power: 720W | Maximum PoE power: 2880W | Maximum PoE power: 2880W | |
| **Operating temperature** | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. | | | | |
| **Management features** | Management flexibility with support for HPE Aruba Networking Central, easy-to-use Web GUI, CLI, and HPE Aruba Networking Switch Multi-Edit Software | | | | |
| **Warranty** | Limited lifetime warranty. See warranty details. | | | | |

| | 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) | 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) |
|---|---|---|---|---|---|
| **Fans** | Switch has two fan tray slots and comes with two fan trays installed.<br>Minimum two fan trays required.<br>Fan trays are field replaceable and hotswappable.<br>Each fan tray contains two fans. | Switch has two fan tray slots and comes with one fan tray installed.<br>Minimum one fan trays required. Optional second fan tray ordered separately.<br>Fan trays are field replaceable and hotswappable.<br>Each fan tray contains two fans. | Switch has two fan tray slots and comes with one fan tray installed.<br>Minimum one fan trays required. Optional second fan tray ordered separately.<br>Fan trays are field replaceable and hotswappable.<br>Each fan tray contains two fans. | Switch has two fan tray slots and comes with two fan trays installed.<br>Minimum two fan trays required.<br>Fan trays are field replaceable and hotswappable.<br>Each fan tray contains two fans. | Switch has two fan tray slots and comes with one fan tray installed.<br>Minimum one fan trays required. Optional second fan tray ordered separately.<br>Fan trays are field replaceable and hotswappable.<br>Each fan tray contains two fans. |

| | 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) | HPE Aruba Networking CX 6300M 48p 10M/100M/1G 4p SFP56 50G Power-to-Port 2xFan PSU TAA Bundle (S0G02A) | HPE Aruba Networking CX 6300M 48p 10M/100M/1G 4p SFP56 50G TAA Switch (S0G00A) |
|---|---|---|---|---|---|
| **Differentiator** | Class 4 PoE/PoE+ | Class 4 PoE/PoE+ | Non-PoE | Non-PoE<br>TAA certified | Non-PoE<br>TAA certified |
| **Power consumption** | With JL086A PSU:<br>Idle: 70W<br>100% Traffic Rate: 90W<br>With JL087A PSU:<br>Idle: 71W<br>100% Traffic Rate: 88W<br>With JL670A PSU:<br>Idle: 73W<br>100% Traffic Rate: 96W | With JL086A PSU:<br>Idle: 133W<br>100% Traffic Rate: 199W<br>With JL087A PSU:<br>Idle: 138W<br>100% Traffic Rate: 193W<br>With JL670A PSU:<br>Idle: 140W<br>100% Traffic Rate: 201W | Idle: 56W<br>100% Traffic Rate: 75W | Idle: 56W<br>100% Traffic Rate: 75W | Idle: 56W<br>100% Traffic Rate: 75W |
| **Input voltage** | JL670A PSU:<br>110V–120V/208V–240V<br>JL086A PSU: 100V–240V<br>JL087A PSU: 110V–240V | JL670A PSU:<br>110V–120V/208V–240V<br>JL086A PSU: 100V–240V<br>JL087A PSU: 110V–240V | JL760A PSU: 100V–240V | JL760A PSU: 100V–240V | JL085A PSU: 100V240V |
| **Ports** | 48 x 10/100/1000 BaseT PoE+ ports supporting up to 30W per port<br>4 x 1G/10G/25G/50G [4] SFP ports<br>Supports PoE standards IEEE 802.3af, 802.3at<br><br>1 x USB-C console port<br>1 x USB Type-A host port<br>1 x OOBM port | 48 x HPE Smart Rate 100 M [5]/1G/2.5G/5G BaseT Class 6 PoE ports supporting up to 60W per port<br>4 x 1G/10G/25G/50G [4] SFP ports<br>Supports PoE standards IEEE 802.3af, 802.3at and 802.3bt (up to 60W)<br><br>1 x USB-C console port<br>1 x USB Type-A host port<br>1 x OOBM port | 48 x 10/100/1000 BaseT ports<br>4 x 1G/10G/25G/50G [4] SFP ports<br><br>1 x USB-C console port<br>1 x USB Type-A host port<br>1 x OOBM port | 48x 10/100/1000 BaseT ports<br>4x 1G/10G/25G/50G [4] SFP ports<br><br>1x USB-C console port<br>1x USB Type-A host port<br>1x OOBM port<br><br>[4] 450G 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 require 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. | 48x 10/100/1000 BaseT ports<br>4x 1G/10G/25G/50G [4] SFP ports<br><br>1x USB-C console port<br>1x USB Type-A host port<br>1x OOBM port<br><br>[4] 450G 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 require 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. |

| | 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) | HPE Aruba Networking CX 6300M 48p 10M/100M/1G 4p SFP56 50G Power-to-Port 2xFan PSU TAA Bundle (S0G02A) | HPE Aruba Networking CX 6300M 48p 10M/100M/1G 4p SFP56 50G TAA Switch (S0G00A) |
|---|---|---|---|---|---|
| **Latency** | 1 Gbps: 2.28 s<br>10 Gbps: 1.46 s<br>25 Gbps: 1.90 s<br>50 Gbps: 3.49 s | | | | |
| **Switching capacity** | 496 Gbps | 880 Gbps | 496 Gbps | 496 Gbps | 496 Gbps |
| **Stacking capabilities** | Up to 10 members per stack.<br><br>Note: CX 6300L switches only stack with other CX 6300L switches | | | | |
| **Throughput** | 369 Mpps | 654 Mpps | 369 Mpps | 369 Mpps | 369 Mpps |
| **Memory and processor** | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, depending on model and configuration | | | | |
| **Power supply** | 2 fieldreplaceable, hotswappable power supply slots 1 minimum power supply required (ordered separately). Supported PSUs JL086A, JL087A and JL670A. | 2 fieldreplaceable, hotswappable power supply slots 1 minimum power supply required (ordered separately). Supported PSUs JL086A, JL087A and JL670A. | 2 fieldreplaceable, hotswappable power supply slots | 2 Fieldreplaceable, hotswappable powersupply slots and comes with one power-to-port powersupply preinstalled. Additional power-to-port powersupply can be ordered separately. Supports JL760A power-to-port powersupply only. | 2 fieldreplaceable, hotswappable power supply slots 1 minimum power supply required (ordered separately). Supports JL085A PSU. |
| **PoE capability** | Maximum PoE power: 1440W | Maximum PoE power: 2880W | | | ##BLAN##BLANK##K## |
| **Operating temperature** | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. | 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 10000 ft. | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. | 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 10000 ft. | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. |

| | 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) | HPE Aruba Networking CX 6300M 48p 10M/100M/1G 4p SFP56 50G Power-to-Port 2xFan PSU TAA Bundle (S0G02A) | HPE Aruba Networking CX 6300M 48p 10M/100M/1G 4p SFP56 50G TAA Switch (S0G00A) |
|---|---|---|---|---|---|
| **Management features** | Management flexibility with support for HPE Aruba Networking Central, easy-to-use Web GUI, CLI, and HPE Aruba Networking Switch Multi-Edit Software | | | | |
| **Warranty** | Limited lifetime warranty. See warranty details. | | | | |
| **Fans** | Switch has two fan tray slots and comes with one fan tray installed.<br>Minimum one fan tray required.<br>Fan trays are field replaceable and hotswappable. Each fan tray contains two fans. | Switch has two fan tray slots and comes with two fan trays installed.<br>Minimum two fan trays required.<br>Fan trays are field replaceable and hotswappable. Each fan tray contains two fans. | The switch has two fan tray slots and comes with one or two fan trays installed depending on the model.<br>Fan trays are field replaceable and hotswappable. Each fan tray contains two fans. | Switch has two fan tray slots and comes with two fan trays installed.<br>Minimum 2 fan trays required.<br>Fan trays are field replaceable and hotswappable.<br>Each fan tray contains two fans.<br>Supports JL761A power-to-port fan tray only. | Switch has two fan tray slots and comes with one fan tray installed.<br>Minimum one fan trays required. Optional second fan tray ordered separately.<br>Fan trays are field replaceable and hotswappable.<br>Each fan tray contains two fans. |

| | HPE Aruba Networking CX 6300M 48p 10M/100M/1G Class4 PoE 4p SFP56 50G TAA Switch (S0G06A) | 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) | HPE Aruba Networking CX 6300M 48p SFP 1G 2p SFP56 50G 2p SFP28 25G MACsec TAA Switch (S4P47A) |
|---|---|---|---|---|---|
| **Differentiator** | Class 4 PoE/PoE+<br>TAA certified | Non-PoE | Class 4 PoE/PoE+ | Non-PoE | Non-PoE<br>TAA certified |
| **Power consumption** | With JL086A PSU:<br>Idle: 70W<br>100% Traffic Rate: 90W<br>With JL087A PSU:<br>Idle: 71W<br>100% Traffic Rate: 88W<br>With JL670A PSU:<br>Idle: 73W<br>100% Traffic Rate: 96W | Idle: 56W<br>100% Traffic Rate: 75W | With JL086A PSU:<br>Idle: 133W<br>100% Traffic Rate: 199W<br>With JL087A PSU:<br>Idle: 138W<br>100% Traffic Rate: 193W<br>With JL670A PSU:<br>Idle: 140W<br>100% Traffic Rate: 201W | With JL085A PSU:<br>Idle: 67W<br>100% Traffic Rate: 127W<br>With JL757A PSU:<br>Idle: 61W<br>100% Traffic Rate: 123W | Idle: 49W<br>100% Traffic Rate: 64W |
| **Input voltage** | JL670A PSU:<br>110V–120V/208V–240V<br>JL086A PSU: 100V–240V<br>JL087A PSU: 110V–240V | JL760A PSU: 100V–240V | JL670A PSU:<br>110V–120V/208V–240V<br>JL086A PSU: 100V–240V<br>JL087A PSU: 110V–240V | JL085A PSU: 100V–240V; AC input<br>JL757A PSU: 36–72V; DC input | JL085A PSU: 100V–240V |

| | HPE Aruba Networking CX 6300M 48p 10M/100M/1G Class4 PoE 4p SFP56 50G TAA Switch (S0G06A) | 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) | HPE Aruba Networking CX 6300M 48p SFP 1G 2p SFP56 50G 2p SFP28 25G MACsec TAA Switch (S4P47A) |
|---|---|---|---|---|---|
| **Ports** | 48x 10/100/1000 BaseT PoE+ ports supporting up to 30W per port<br>4x 1G/10G/25G/50G [4] SFP ports<br>Supports PoE standards IEEE 802.3af, 802.3at<br><br>1x USB-C console port<br>1x USB Type-A host port<br>1x OOBM port<br><br>[4] 450G 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 require 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 x 10/100/1000 BaseT ports<br>4 x 1G/10G/25G/50G [4] SFP ports<br><br>1 x USB-C console port<br>1 x USB Type-A host port<br>1 x OOBM port | 48 x HPE Smart Rate 100 M [5]/1G/2.5G/5G BaseT Class 6 PoE ports supporting up to 60W per port<br>4 x 1G/10G/25G/50G [4] SFP ports<br>Supports PoE standards IEEE 802.3af, 802.3at and 802.3bt (up to 60W)<br><br>1 x USB-C console port<br>1 x USB Type-A host port<br>1 x OOBM port | 48x 1G SFP ports<br>2x 10G/25G/50G [4] SFP ports<br>2x 10G/25G SFP ports (MACsec)<br><br>1x USB-C console port<br>1x USB Type-A host port<br>1x OOBM port | 48x 1G SFP ports<br>2x 10G/25G/50G [4] SFP ports<br>2x 10G/25G SFP ports (MACsec)<br><br>1x USBC Console Port<br>1x OOBM port<br>1x USB Type A Host port<br><br>[4] 450G 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 require 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: 2.28 s<br>10 Gbps: 1.46 s<br>25 Gbps: 1.90 s<br>50 Gbps: 3.49 s | 1 Gbps: 2.28 s<br>10 Gbps: 1.46 s<br>25 Gbps: 1.90 s<br>50 Gbps: 3.49 s | 1 Gbps: 4.24 s<br>10 Gbps: 1.50 s<br>25 Gbps: 2.91 s<br>50 Gbps: 3.49 s | 1 Gbps: 3.4 µs<br>50 Gbps: 2.1 µs | 1 Gbps: 2.28 s<br>10 Gbps: 1.46 s<br>25 Gbps: 1.90 s<br>50 Gbps: 3.49 s |
| **Switching capacity** | 496 Gbps | 496 Gbps | 880 Gbps | 396 Gbps | 448 Gbps |
| **Stacking capabilities** | Up to 10 members per stack.<br><br>Note: CX 6300L switches only stack with other CX 6300L switches | | | | |
| **Throughput** | 369 Mpps | 369 Mpps | 654 Mpps | 295 Mpps | 334 Mpps |

| | HPE Aruba Networking CX 6300M 48p 10M/100M/1G Class4 PoE 4p SFP56 50G TAA Switch (S0G06A) | 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) | HPE Aruba Networking CX 6300M 48p SFP 1G 2p SFP56 50G 2p SFP28 25G MACsec TAA Switch (S4P47A) |
|---|---|---|---|---|---|
| **Memory and processor** | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, depending on model and configuration | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, depending on model and configuration | Quad Core Arm Cortex™ A72 @ 1.8GHz,<br>8 GB DDR4, 32 GB eMMC<br><br>16 MB Shared Packet Buffer Memory | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, depending on model and configuration | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, depending on model and configuration |
| **Power supply** | 2 fieldreplaceable, hotswappable power supply slots 1 minimum power supply required (ordered separately).<br>Supported PSUs JL086A, JL087A and JL670A. | 2 Fieldreplaceable, hotswappable powersupply slots and comes with one power-to-port powersupply preinstalled.<br>Additional power-to-port powersupply can be ordered separately.<br>Supports JL760A power-to-port powersupply only. | 2 fieldreplaceable, hotswappable power supply slots 1 minimum power supply required (ordered separately).<br>Supported PSUs JL086A, JL087A and JL670A. | 2 field-replaceable, hot-swappable power supply slots 1 minimum power supply required (ordered separately).<br>Supported PSUs JL085A and JL757A. | 2 fieldreplaceable, hotswappable power supply slots 1 minimum power supply required (ordered separately).<br>Supports JL085A PSU. |
| **PoE capability** | Maximum PoE power: 1440W | | Maximum PoE power: 2880W | | |
| **Operating temperature** | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. | 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 10000 ft. | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. |
| **Management features** | Management flexibility with support for HPE Aruba Networking Central, easy-to-use Web GUI, CLI, and HPE Aruba Networking Switch Multi-Edit Software | | | | |
| **Warranty** | Limited lifetime warranty. See warranty details. | | | | |

| | HPE Aruba Networking CX 6300M 48p 10M/100M/1G Class4 PoE 4p SFP56 50G TAA Switch (S0G06A) | 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) | HPE Aruba Networking CX 6300M 48p SFP 1G 2p SFP56 50G 2p SFP28 25G MACsec TAA Switch (S4P47A) |
|---|---|---|---|---|---|
| **Fans** | Switch has two fan tray slots and comes with one fan tray installed.<br>Minimum one fan tray required.<br>Fan trays are field replaceable and hotswappable. Each fan tray contains two fans. | Switch has two fan tray slots and comes with two fan trays installed.<br>Minimum 2 fan trays required.<br>Fan trays are field replaceable and hotswappable.<br>Each fan tray contains two fans.<br>Supports JL761A power-to-port fan tray only. | Switch has two fan tray slots and comes with two fan trays installed.<br>Minimum two fan trays required.<br>Fan trays are field replaceable and hotswappable.<br>Each fan tray contains two fans. | Switch has two fan tray slots and comes with two fan trays installed.<br>Minimum two fan trays required.<br>Fan trays are field replaceable and hotswappable.<br>Each fan tray contains two fans. | Switch has two fan tray slots and comes with one fan tray installed.<br>Minimum one fan trays required. Optional second fan tray ordered separately.<br>Fan trays are field replaceable and hotswappable.<br>Each fan tray contains two fans. |

| | 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 (S0E91A) | HPE Networking CX6300M 16p 1G 8p Smart Rate 10G Class8 PoE 2p SFP56 50G 2p SFP28 25G Switch (S6X58A) | HPE Networking CX6300M 16p 1G 8p Smart Rate 10G Class8 PoE 2p SFP56 50G 2p SFP28 25G TAA Sw (S7K41A) | HPE Networking CX6300M 24p 1G Class8 PoE 2p SFP56 50G 2p SFP28 25G MACsec Switch (S6X60A) |
|---|---|---|---|---|---|
| **Differentiator** | Class 4 PoE/PoE+<br>TAA certified | Class 4 PoE/PoE+ | | | |
| **Power consumption** | With JL086A PSU:<br>Idle: 133W<br>100% Traffic Rate: 199W<br>With JL087A PSU:<br>Idle: 138W<br>100% Traffic Rate: 193W<br>With JL670A PSU:<br>Idle: 140W<br>100% Traffic Rate: 201W | With single JL086A PSU:<br>Idle: 207W<br>100% Traffic Rate: 283W<br>With single JL087A PSU:<br>Idle: 208W<br>100% Traffic Rate: 282W<br>With single JL670A PSU:<br>Idle: 211W<br>100% Traffic Rate: 283W | Up to 211W depending on model | Up to 211W depending on model | Up to 211W depending on model |
| **Input voltage** | JL670A PSU:<br>110V–120V/208V–240V<br>JL086A PSU: 100V–240V<br>JL087A PSU: 110V–240V | JL670A PSU:<br>110V–120V/200V/208V–240V; AC input<br>JL086A PSU: 100V–240V; AC input<br>JL087A PSU: 110V–240V; AC input<br>JL758A PSU: 36–72V; DC input | Maximum 120V/208V–240V depending on PSU model | Maximum 120V/208V–240V depending on PSU model | Maximum 120V/208V–240V depending on PSU model |

| | 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 (S0E91A) | HPE Networking CX6300M 16p 1G 8p Smart Rate 10G Class8 PoE 2p SFP56 50G 2p SFP28 25G Switch (S6X58A) | HPE Networking CX6300M 16p 1G 8p Smart Rate 10G Class8 PoE 2p SFP56 50G 2p SFP28 25G TAA Sw (S7K41A) | HPE Networking CX6300M 24p 1G Class8 PoE 2p SFP56 50G 2p SFP28 25G MACsec Switch (S6X60A) |
|---|---|---|---|---|---|
| **Ports** | 48x HPE Smart Rate 100M [5]/1G/2.5G/5G BaseT Class 6 PoE ports supporting up to 60W per port<br>4x 1G/10G/25G/50G [4] SFP ports<br>Supports PoE standards IEEE 802.3af, 802.3at and 802.3bt (up to 60W)<br><br>1x USB-C console port<br>1x USB Type-A host port<br>1x OOBM port<br>[4] 450G 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 require 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.<br>[5] 100M use on HPE Smart Rate ports is limited to fullduplex only. For 100M halfduplex support, use 1G ports on other models. | 48x HPE Smart Rate 100M [5]/1G/2.5G/5G/10G BaseT Class 8 PoE ports supporting up to 90W per port (MACsec)<br>4x 10G/25G/40G/100G QSFP/QSFP28 ports (MACsec)<br>Supports PoE standards IEEE 802.3af, 802.3at and 802.3bt (up to 90W)<br><br>1x USB-C console port<br>1x USB Type-A host port<br>1x OOBM port<br>1x RJ-45 console port<br><br>[5] 100M use on HPE Smart Rate ports is limited to fullduplex only. For 100M halfduplex support, use 1G ports on other models. | 16x 1G Copper ports<br>8x HPE Smart Rate ports (1G/2.5G/5G/10GbE) | 16x 1G Copper ports<br>8x HPE Smart Rate ports (1G/2.5G/5G/10GbE) | 24x 1G Copper ports |
| **Latency** | 1 Gbps: 4.24 s<br>10 Gbps: 1.50 s<br>25 Gbps: 2.91 s<br>50 Gbps: 3.49 s | 1 Gbps: 4.24 s<br>10 Gbps: 1.50 s<br>25 Gbps: 2.91 s<br>50 Gbps: 3.49 s | Depending on model | Depending on model | Depending on model |
| **Switching capacity** | 880 Gbps | 1760 Gbps | From to 880 Gbps to 1760 Gbps, depending on model and configuration | From to 880 Gbps to 1760 Gbps, depending on model and configuration | From to 880 Gbps to 1760 Gbps, depending on model and configuration |

| | 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 (S0E91A) | HPE Networking CX6300M 16p 1G 8p Smart Rate 10G Class8 PoE 2p SFP56 50G 2p SFP28 25G Switch (S6X58A) | HPE Networking CX6300M 16p 1G 8p Smart Rate 10G Class8 PoE 2p SFP56 50G 2p SFP28 25G TAA Sw (S7K41A) | HPE Networking CX6300M 24p 1G Class8 PoE 2p SFP56 50G 2p SFP28 25G MACsec Switch (S6X60A) |
|---|---|---|---|---|---|
| **Stacking capabilities** | Up to 10 members per stack.<br>Note: CX 6300L switches only stack with other CX 6300L switches | | | | |
| **Throughput** | 654 Mpps | 1310 Mpps | From to 660 Mpps to 1310 Mpps, depending on model and configuration | From to 660 Mpps to 1310 Mpps, depending on model and configuration | From to 660 Mpps to 1310 Mpps, depending on model and configuration |
| **Memory and processor** | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, depending on model and configuration | Quad Core Arm® Cortex® A72 @ 1.8GHz,<br>8 GB DDR4, 32 GB eMMC<br><br>32 MB Shared Packet Buffer Memory | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, depending on model and configuration | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, depending on model and configuration | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, depending on model and configuration |
| **Power supply** | 2 fieldreplaceable, hotswappable power supply slots 1 minimum power supply required (ordered separately). Supported PSUs JL086A, JL087A and JL670A. | 2 field-replaceable, hot-swappable power supply slots 1 minimum power supply required (ordered separately). Supported PSUs JL086A, JL087A, JL670A and JL758A. | 2 fieldreplaceable, hotswappable power supply slots | 2 fieldreplaceable, hotswappable power supply slots | 2 fieldreplaceable, hotswappable power supply slots |
| **PoE capability** | Maximum PoE power: 2880W | Maximum PoE power: 2640W | Maximum PoE power: Up to 370W, 720W, 1440W, 2640W, or 2880W, depending on model and installed power supplies | Maximum PoE power: Up to 370W, 720W, 1440W, 2640W, or 2880W, depending on model and installed power supplies | Maximum PoE power: Up to 370W, 720W, 1440W, 2640W, or 2880W, depending on model and installed power supplies |
| **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 10000 ft. | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. |

| | 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 (S0E91A) | HPE Networking CX6300M 16p 1G 8p Smart Rate 10G Class8 PoE 2p SFP56 50G 2p SFP28 25G Switch (S6X58A) | HPE Networking CX6300M 16p 1G 8p Smart Rate 10G Class8 PoE 2p SFP56 50G 2p SFP28 25G TAA Sw (S7K41A) | HPE Networking CX6300M 24p 1G Class8 PoE 2p SFP56 50G 2p SFP28 25G MACsec Switch (S6X60A) |
|---|---|---|---|---|---|
| **Management features** | Management flexibility with support for HPE Aruba Networking Central, easy-to-use Web GUI, CLI, and HPE Aruba Networking Switch Multi-Edit Software | | | | |
| **Warranty** | Limited lifetime warranty. See warranty details. | | | | |
| **Fans** | Switch has two fan tray slots and comes with two fan trays installed. Minimum two fan trays required. Fan trays are field replaceable and hotswappable. Each fan tray contains two fans. | Switch has three fan tray slots and comes with three JL714A fan trays installed. Minimum three fan trays required. Fan trays are field replaceable and hotswappable. Each fan tray contains two fans. | Switch has two fan tray slots and comes with two JL669B fan trays installed. Minimum two fan trays required. Fan trays are field replaceable and hotswappable. Each fan tray contains two fans. | Switch has two fan tray slots and comes with two JL669B fan trays installed. Minimum two fan trays required. Fan trays are field replaceable and hotswappable. Each fan tray contains two fans. | Switch has two fan tray slots and comes with two JL669B fan trays installed. Minimum two fan trays required. Fan trays are field replaceable and hotswappable. Each fan tray contains two fans. |

| | HPE Networking CX6300M 24p 1G Class8 PoE 2p SFP56 50G 2p SFP28 25G MACsec TAA Sw (S7K43A) | HPE Networking CX6300M 48p 1G Class8 PoE 2p SFP56 50G 2p SFP28 25G MACsec Switch (S6X59A) | HPE Networking CX6300M 48p 1G Class8 PoE 2p SFP56 50G 2p SFP28 25G MACsec TAA Sw (S7K42A) | HPE Networking CX6300M 48p Smart Rate 10G PTP/AVB 4p QSFP28 100G MACsec 4320W TAA Sw (S0E93A) | HPE Networking CX6300M 48p Smart Rate 10G PTP/AVB Class8 PoE 4320W 4p QSFP28 100G MACsec Sw (S0E92A) |
|---|---|---|---|---|---|
| **Power consumption** | Up to 211W depending on model | | | | |
| **Input voltage** | Maximum 120V/208V–240V depending on PSU model | | | | |
| **Ports** | 24x 1G Copper ports | 48x of 1G Copper ports | 48x 1G Copper ports | Up to 48 HPE Smart Rate ports (1G/2.5G/5G/10GbE) | Up to 48 HPE Smart Rate ports (1G/2.5G/5G/10GbE) |
| **Latency** | Depending on model | | | | |
| **Switching capacity** | From to 880 Gbps to 1760 Gbps, depending on model and configuration | | | | |
| **Stacking capabilities** | Up to 10 members per stack.<br>Note: CX 6300L switches only stack with other CX 6300L switches | | | | |
| **Throughput** | From to 660 Mpps to 1310 Mpps, depending on model and configuration | | | | |
| **Memory and processor** | CPU: Dual-core Arm® Cortex®-A9 @ 1.8GHz<br>Memory: 8 GB DDR4, 32 GB eMMC<br>Flash: 8 MB, 16 MB, or 32 MB, depending on model and configuration | | | | |
| **Power supply** | 2 fieldreplaceable, hotswappable power supply slots | | | | |
| **PoE capability** | Maximum PoE power: Up to 370W, 720W, 1440W, 2640W, or 2880W, depending on model and installed power supplies | | | | |
| **Operating temperature** | 32°F to 113°F (0°C to 45°C) up to 5,000 ft. Derate 1°C for every 1,000 ft from 50,00 ft to 10,000 ft. Can support excursion to 131°F (55°C) for short periods of time [3]. | | | | |
| **Management features** | Management flexibility with support for HPE Aruba Networking Central, easy-to-use Web GUI, CLI, and HPE Aruba Networking Switch Multi-Edit Software | | | | |
| **Warranty** | Limited lifetime warranty. See warranty details. | | | | |

| | HPE Networking CX6300M 24p 1G Class8 PoE 2p SFP56 50G 2p SFP28 25G MACsec TAA Sw (S7K43A) | HPE Networking CX6300M 48p 1G Class8 PoE 2p SFP56 50G 2p SFP28 25G MACsec Switch (S6X59A) | HPE Networking CX6300M 48p 1G Class8 PoE 2p SFP56 50G 2p SFP28 25G MACsec TAA Sw (S7K42A) | HPE Networking CX6300M 48p Smart Rate 10G PTP/AVB 4p QSFP28 100G MACsec 4320W TAA Sw (S0E93A) | HPE Networking CX6300M 48p Smart Rate 10G PTP/AVB Class8 PoE 4320W 4p QSFP28 100G MACsec Sw (S0E92A) |
|---|---|---|---|---|---|
| **Fans** | Switch has two fan tray slots and comes with two JL669B fan trays installed. Minimum two fan trays required.<br>Fan trays are field replaceable and hotswappable. Each fan tray contains two fans. | Switch has two fan tray slots and comes with two JL669B fan trays installed. Minimum two fan trays required.<br>Fan trays are field replaceable and hotswappable. Each fan tray contains two fans. | Switch has two fan tray slots and comes with two JL669B fan trays installed. Minimum two fan trays required.<br>Fan trays are field replaceable and hotswappable. Each fan tray contains two fans. | Switch has three fan tray slots and comes with three JL714A fan trays installed. Minimum three fan trays required.<br>Fan trays are field replaceable and hotswappable. | Switch has three fan tray slots and comes with three JL714A fan trays installed. Minimum three fan trays required.<br>Fan trays are field replaceable and hotswappable. |

# Related Options

The following options are available for these series:

| SKU | Description |
|---|---|
| **Adapters** | |
| S1H23A | HPE Aruba Networking CX Switch Bluetooth Adapter |
| **Cables/Cable Kits** | |
| S1J07A | HPE Aruba Networking 50G QSFP56 to SFP56 0.65m DAC Cable |
| S1J08A | HPE Aruba Networking 50G QSFP56 to SFP56 3m DAC Cable |
| R9J32A | HPE Aruba Networking USB-A reversible to USB-C PC-to-Switch 3m Cable |
| R9J33A | HPE Aruba Networking USB-C to USB-C PC-to-Switch 3m Cable |
| R9G48B | HPE Aruba Networking USBA-RJ45 PC-to-Switch PIN6TX-3RX 2.5m Cable |
| R8Z87A | HPE Aruba Networking USBA-RJ45 PIN3TX-6RX 2.5m Cable |
| **Converters** | |
| 845970-B21 | HPE QSFP28 to SFP28 Adapter |
| **Fans/Fan Options** | |
| R9F62A | HPE Aruba Networking CX 6300M Power-to-Port Airflow Fan Tray |
| JL761A | HPE Aruba Networking CX 6300M Power-to-Port Fan Tray |
| JL714A | HPE Aruba Networking X741 Port-to-Power Fan |
| JL669B | HPE Aruba Networking X751 Front to Back Fan Tray |
| **HPE Aruba Networking Software** | |
| R9G36AAE | HPE Aruba Networking NetEdit Single Node 1-year Subscription E-STU |
| JL639AAE | HPE Aruba Networking NetEdit Single Node 1yr Subscription E-STU |
| R9G37AAE | HPE Aruba Networking NetEdit Single Node 3-year Subscription E-STU |
| JL640AAE | HPE Aruba Networking NetEdit Single Node 3yr Subscription E-STU |
| **Mounting Rack/Rail Options** | |
| R9F57A | HPE Aruba Networking 1U Universal 4-post Rack Mount Kit |
| R9F60A | HPE Aruba Networking Universal 4-post Duct Kit |
| J9583B | HPE Aruba Networking X414 1U Universal 4-post Rack Mount Kit |
| JL716A | HPE Aruba Networking X544 Universal 4-post Duct Kit (Must order 4-post rack mount kit) |
| **Networking Software** | |
| R9G31AAE | HPE Aruba Networking Fabric Composer Device Management Service Tier 3 Switch 1y Subscription E-STU |

| | |
|---|---|
| R8D18AAE | HPE Aruba Networking Fabric Composer Device Management Service Tier 3 Switch 1y Subscription E-STU |
| R8D19AAE | HPE Aruba Networking Fabric Composer Device Management Service Tier 3 Switch 3y Subscription E-STU |
| R9G32AAE | HPE Aruba Networking Fabric Composer Device Management Service Tier 3 Switch 3y Subscription E-STU |
| R8D20AAE | HPE Aruba Networking Fabric Composer Device Management Service Tier 3 Switch 5y Subscription E-STU |
| R9G33AAE | HPE Aruba Networking Fabric Composer Device Management Service Tier 3 Switch 5y Subscription E-STU |

## Power Management Options

| | |
|---|---|
| R9F61A | HPE Aruba Networking CX 6300M 12VDC 250W 100-240VAC Power-to-Port Airflow Power Supply Unit |
| JL757A | HPE Aruba Networking CX 6300M 250W 36-72VDC Input Non-PoE Power Supply |
| JL758A | HPE Aruba Networking CX 6300M 1050W 36-72VDC Input PoE Power Supply |
| JL085A | HPE Aruba Networking X371 12VDC 250W 100-240VAC Power Supply |
| JL760A | HPE Aruba Networking X371 12VDC 250W 100-240VAC Power-to-Port Power Supply |
| JL086A | HPE Aruba Networking X372 54VDC 680W 100-240VAC Power Supply |
| JL087A | HPE Aruba Networking X372 54VDC 1050W 110-240VAC Power Supply |
| JL670A | HPE Aruba Networking X372 54VDC 1600W 110-240VAC Power Supply |

## Private and Hybrid Cloud

| | |
|---|---|
| R6V03AAE | HPE Aruba Networking Central On-Premises Switch Class3 Advanced 1-year Subscription E-STU |
| R6V04AAE | HPE Aruba Networking Central On-Premises Switch Class3 Advanced 3-year Subscription E-STU |
| R6V05AAE | HPE Aruba Networking Central On-Premises Switch Class3 Advanced 5-year Subscription E-STU |
| R6V06AAE | HPE Aruba Networking Central On-Premises Switch Class3 Advanced 7-year Subscription E-STU |
| R6V07AAE | HPE Aruba Networking Central On-Premises Switch Class3 Advanced 10-year Subscription E-STU |
| R3K02AAE | HPE Aruba Networking Central Switch Class3 Foundation 10-year Subscription E-STU |
| Q9Y78AAE | HPE Aruba Networking Central Switch Class-3 Foundation 1 year Subscription E-STU |
| Q9Y79AAE | HPE Aruba Networking Central Switch Class-3 Foundation 3 year Subscription E-STU |
| Q9Y80AAE | HPE Aruba Networking Central Switch Class-3 Foundation 5 year Subscription E-STU |
| Q9Y81AAE | HPE Aruba Networking Central Switch Class-3 Foundation 7 year Subscription E-STU |
| R6U83AAE | HPE Aruba Networking Central on Prem Switch Class-3 Foundation 1 year Subscription E-STU |
| R6U84AAE | HPE Aruba Networking Central on Prem Switch Class-3 Foundation 3 year Subscription E-STU |
| R6U85AAE | HPE Aruba Networking Central on Prem Switch Class-3 Foundation 5 year Subscription E-STU |
| R6U86AAE | HPE Aruba Networking Central on Prem Switch Class-3 Foundation 7 year Subscription E-STU |
| R6U87AAE | HPE Aruba Networking Central on Prem Switch Class-3 Foundation 10 year Subscription E-STU |

## Transceiver Options

| | |
|---|---|
| J4860D | HPE Aruba Networking 1G SFP LC LH 70km SMF Transceiver |
| JL746A | HPE Aruba Networking 1G SFP LC LX 10km SMF TAA Transceiver |

| | |
|---|---|
| R9Q44A | HPE Aruba Networking 1G SFP LC LX 10km SMF TAA Transceiver |
| J4859D | HPE Aruba Networking 1G SFP LC LX 10km SMF Transceiver |
| JL745A | HPE Aruba Networking 1G SFP LC SX 500m MMF TAA Transceiver |
| R9Q43A | HPE Aruba Networking 1G SFP LC SX 500m MMF TAA Transceiver |
| J4858D | HPE Aruba Networking 1G SFP LC SX 500m OM2 MMF Transceiver |
| R9F86A | HPE Aruba Networking 1G SFP LC SX 500m OM2 MMF Transceiver |
| JL747B | HPE Aruba Networking 1G SFP RJ45 100m Cat5e TAA Transceiver |
| J8177E | HPE Aruba Networking 1G SFP RJ45 100m Cat5e Transceiver |
| R9Q45A | HPE Aruba Networking 1G SFP RJ45 T 100m Cat5e TAA Transceiver |
| R9F87A | HPE Aruba Networking 1G SFP RJ45 T 100m Cat5e Transceiver |
| S2P32A | HPE Aruba Networking 10G ER SFP+ LC 40km SMF C-Class Transceiver |
| S2P31A | HPE Aruba Networking 10G LR SFP+ LC 10km SMF C-Class Transceiver |
| J9153D | HPE Aruba Networking 10G SFP+ LC ER 40km SMF Transceiver |
| JL749A | HPE Aruba Networking 10G SFP+ LC LR 10km SMF TAA Transceiver |
| R9Q47A | HPE Aruba Networking 10G SFP+ LC LR 10km SMF TAA Transceiver |
| J9151E | HPE Aruba Networking 10G SFP+ LC LR 10km SMF Transceiver |
| J9152D | HPE Aruba Networking 10G SFP+ LC LRM 220m OM2 MMF Transceiver |
| JL748A | HPE Aruba Networking 10G SFP+ LC SR 300m MMF TAA Transceiver |
| R9Q46A | HPE Aruba Networking 10G SFP+ LC SR 300m MMF TAA Transceiver |
| R9F82A | HPE Aruba Networking 10G SFP+ LC SR 300m OM3 MMF Transceiver |
| J9150D | HPE Aruba Networking 10G SFP+ LC SR 300m OM3 MMF Transceiver |
| J9281D | HPE Aruba Networking 10G SFP+ to SFP+ 1m Direct Attach Copper Cable |
| R9F83A | HPE Aruba Networking 10G SFP+ to SFP+ 1m Direct Attach Copper Cable |
| R9F84A | HPE Aruba Networking 10G SFP+ to SFP+ 3m Direct Attach Copper Cable |
| J9283D | HPE Aruba Networking 10G SFP+ to SFP+ 3m Direct Attach Copper Cable |
| R9X54A | HPE Aruba Networking 10G SMF Simplex LC BiDi 40km-Downstream 1330/1270 Transceiver |
| R9X55A | HPE Aruba Networking 10G SMF Simplex LC BiDi 40km-Upstream 1270/1330 Transceiver |
| S2P30A | HPE Aruba Networking 10G SR SFP+ LC 400m OM4 MMF C-Class Transceiver |
| JL563C | HPE Aruba Networking 10GBASE-T SFP+ RJ45 30m Cat6A Transceiver |
| R9F85A | HPE Aruba Networking 10GBASE-T SFP+ RJ45 30m Cat6A Transceiver |
| S1C96A | HPE Aruba Networking 25G BiDi 10km-Downstream 1330/1270 Transceiver |
| S1C98A | HPE Aruba Networking 25G BiDi 10km-Upstream 1270/1330 Transceiver |
| S0V70A | HPE Aruba Networking 25G BiDi 40km-Downstream 1314/1289 Transceiver |
| S0V71A | HPE Aruba Networking 25G BiDi 40km-Upstream 1289/1314 Transceiver |
| S0V69A | HPE Aruba Networking 25G ER LC 40km SMF Transceiver |
| S2P34A | HPE Aruba Networking 25G LR SFP28 LC 10km SMF C-Class Transceiver |

| | |
|---|---|
| S2N63A | HPE Aruba Networking 25G LR SFP28 LC 10km SMF TAA Transceiver |
| JL486A | HPE Aruba Networking 25G SFP28 LC LR 10km SMF Transceiver |
| R9F89A | HPE Aruba Networking 25G SFP28 LC SR 100m MMF Transceiver |
| JL484A | HPE Aruba Networking 25G SFP28 LC SR 100m MMF Transceiver |
| JL485A | HPE Aruba Networking 25G SFP28 LC eSR 400m MMF Transceiver |
| R9F90A | HPE Aruba Networking 25G SFP28 LC eSR 400m MMF Transceiver |
| JL487A | HPE Aruba Networking 25G SFP28 to SFP28 0.65m Direct Attach Cable |
| R9F91A | HPE Aruba Networking 25G SFP28 to SFP28 0.65m Direct Attach Copper Cable |
| R0M44A | HPE Aruba Networking 25G SFP28 to SFP28 3m Active Optical Cable |
| JL488A | HPE Aruba Networking 25G SFP28 to SFP28 3m Direct Attach Copper Cable |
| R9F92A | HPE Aruba Networking 25G SFP28 to SFP28 3m Direct Attach Copper Cable |
| JL489A | HPE Aruba Networking 25G SFP28 to SFP28 5m Direct Attach Copper Cable |
| R9F93A | HPE Aruba Networking 25G SFP28 to SFP28 5m Direct Attach Copper Cable |
| R0M45A | HPE Aruba Networking 25G SFP28 to SFP28 7m Active Optical Cable |
| R0Z21A | HPE Aruba Networking 25G SFP28 to SFP28 15m Active Optical Cable |
| S2P33A | HPE Aruba Networking 25G SR SFP28 LC 100m MMF C-Class Transceiver |
| S5U19A | HPE Aruba Networking 25G eSR SFP28 LC 400m MMF TAA Transceiver |
| JL308A | HPE Aruba Networking 40G QSFP+ LC Bidirectional 150m MMF 2-strand Transceiver |
| Q9G82A | HPE Aruba Networking 40G QSFP+ LC ER4 40km SMF Transceiver |
| R0Z22A | HPE Aruba Networking 40G QSFP+ to QSFP+ 7m Active Optical Cable |
| R0Z23A | HPE Aruba Networking 40G QSFP+ to QSFP+ 15m Active Optical Cable |
| R0Z24A | HPE Aruba Networking 40G QSFP+ to QSFP+ 30m Active Optical Cable |
| S1C92A | HPE Aruba Networking 50G BiDi 10km-Downstream 1330/1270 Transceiver |
| S1C94A | HPE Aruba Networking 50G BiDi 10km-Upstream 1270/1330 Transceiver |
| S0V66A | HPE Aruba Networking 50G ER 40km SMF Transceiver |
| S0V65A | HPE Aruba Networking 50G LR 10km SMF Transceiver |
| R0M48A | HPE Aruba Networking 50G SFP56 LC SR 100m MMF Transceiver |
| R9G06A | HPE Aruba Networking 50G SFP56 to SFP56 0.65m Direct Attach Copper Cable |
| R0M46A | HPE Aruba Networking 50G SFP56 to SFP56 0.65m Direct Attach Copper Cable |
| R9G07A | HPE Aruba Networking 50G SFP56 to SFP56 3m Direct Attach Copper Cable |
| R0M47A | HPE Aruba Networking 50G SFP56 to SFP56 3m Direct Attach Copper Cable |
| S0V64A | HPE Aruba Networking 50G eSR 300m MMF Transceiver |
| R0Z30A | HPE Aruba Networking 100G QSFP28 LC CWDM4 2km SMF Transceiver |
| JL743A | HPE Aruba Networking 100G QSFP28 LC ER4L 40km SMF Transceiver |
| R9B63A | HPE Aruba Networking 100G QSFP28 LC FR1 SMF 2km Transceiver |
| JL310A | HPE Aruba Networking 100G QSFP28 LC LR4 10km SMF 2-strand Transceiver |

| | |
|---|---|
| JL309A | HPE Aruba Networking 100G QSFP28 MPO SR4 100m 12-fiber MPO OM3 MMF Transceiver |
| R0Z25A | HPE Aruba Networking 100G QSFP28 to QSFP28 1m Direct Attach Copper Cable |
| JL856A | HPE Aruba Networking 100G QSFP28 to QSFP28 2m Active Optical Cable |
| JL307A | HPE Aruba Networking 100G QSFP28 to QSFP28 3m Direct Attach Copper Cable |
| R0Z26A | HPE Aruba Networking 100G QSFP28 to QSFP28 5m Direct Attach Copper Cable |
| R0Z27A | HPE Aruba Networking 100G QSFP28 to QSFP28 7m Active Optical Cable |
| R0Z28A | HPE Aruba Networking 100G QSFP28 to QSFP28 15m Active Optical Cable |
| R0Z29A | HPE Aruba Networking 100G QSFP28 to QSFP28 30m Active Optical Cable |
| S4B44A | HPE Aruba Networking 100G SR1.2 QSFP28 LC 100m MMF Transceiver |
| S1C93A | HPE Aruba Networking 100G SR2 MPO QSFP28 100m MMF Transceiver |
| J9054D | HPE Aruba Networking 100M SFP LC FX 2km MMF Transceiver |
| R9F88A | HPE Aruba Networking 100M SFP LC FX 2km MMF Transceiver |
| JH232A | HPE Networking X142 40G QSFP+ LC LR4 SM Transceiver |
| JH231A | HPE Networking X142 40G QSFP+ MPO SR4 Transceiver |
| JH233A | HPE Networking X142 40G QSFP+ MPO eSR4 300M Transceiver |
| JH234A | HPE Networking X242 40G QSFP+ to QSFP+ 1m Direct Attach Copper Cable |
| JH235A | HPE Networking X242 40G QSFP+ to QSFP+ 3m Direct Attach Copper Cable |
| JH236A | HPE Networking X242 40G QSFP+ to QSFP+ 5m Direct Attach Copper Cable |

# HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

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### Managed services

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### Support services

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— **HPE Tech Care Service:** the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

— **HPE Multivendor Services:** Single point of accountability for managing on-site hardware and software support for multivendor products. HPE experts help manage your IT across technologies and platforms for HPE and non-HPE technologies, acting as the single point of contact for your IT operational needs.

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GreenLake is the cloud to run and manage your entire hybrid landscape—private, public, and edge. It helps you to:

— Streamline IT Operations across compute, storage, and networking without the chaos

— Unify and secure data, as you move faster

— Accelerate AI, from pilot to production

The result: greater operational efficiency, lower TCO, and faster AI delivery—all from one unified, intelligent platform built for today's hybrid enterprise.

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