Overview

Aruba 8325 Switch Series

The Aruba CX 8325 Switch Series offers a flexible and innovative approach to addressing the application, security, and scalability demands of the mobile, cloud and IoT era. These switches serve the needs of the next generation core and aggregation layer, as well as emerging data center requirements at the Top of Rack (ToR) and End of Row (EoR). They provide over 6.4Tbps of capacity, with line-rate Gigabit Ethernet interfaces including 1Gbps, 10Gbps, 25Gbps, 40Gbps, and 100Gbps.

The CX 8325 series includes industry-leading line rate ports 1/10/25GbE (SFP/SFP+/SFP28) and 40/100GbE (QSFP+/QSFP28) with connectivity in a compact 1U form factor. These switches offer a fantastic investment for customers wanting to migrate from older 1GbE/10GbE to faster 25GbE, or 10GbE/40GbE to 100GbE ports.

Aruba CX 8325 Switch Series

Key features

- High performance 6.4Tbps with 2,000Mpps throughput
- High availability with industry-leading VSX redundancy, and redundant power supplies and fans
- Designed for core/aggregation in the campus or Top of Rack (ToR) or End of Row (EoR) in the data center
- AOS-CX automation and programmability using built-in REST APIs and Python scripts
- Advanced Layer 2/3 feature set includes BGP, OSPF, VRF-lite, and IPv6
- Intelligent monitoring, visibility, and remediation with Aruba Network Analytics Engine
- One touch deployment with the Aruba CX Mobile App
- Aruba NetEdit support for automated configuration and verification
- Compact 1U switches with 1/10/25GbE and 40/100GbE connectivity
- Supports Aruba Fabric Composer - a software-defined orchestration solution that simplifies and accelerates leaf-spine network provisioning and day-to-day operations across rack-scale compute and storage infrastructure.

Models

Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Front-to-Back 6 Fans and 2 PSU Bundle	JL624A
Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Back-to-Front 6 Fans and 2 PSU Bundle	JL625A

Overview

Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans and 2 Power Supply Bundle	JL626A
Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans and 2 Power Supply Bundle	JL627A

Standard Features

AOS-CX - a modern software system

The Aruba CX 8325 Switch Series is based on AOS-CX, a modern, database-driven operating system that automates and simplifies many critical and complex network tasks. A built-in time series database enables customers and developers to utilize software scripts for historical troubleshooting, as well as analysis of past trends. This helps predict and avoid future problems due to scale, security, and performance bottlenecks.

Our AOS-CX software also includes Aruba Network Analytics Engine (NAE) and support for Aruba NetEdit. Because AOS-CX is built on a modular Linux architecture with a stateful database, our operating system provides the following unique capabilities:

- Easy access to all network state information allows unique visibility and analytics
- REST APIs and Python scripting for fine-grained programmability of network tasks
- A micro-services architecture that enables full integration with other workflow systems and services
- Continual state synchronization that provides superior fault tolerance and high availability
- All software processes communicate with the database rather than each other, ensuring near real-time state and resiliency and allowing individual software modules to be independently upgraded for higher availability

Aruba Network Analytics Engine

For enhanced visibility and troubleshooting, Aruba's Network Analytics Engine (NAE) automatically interrogates and analyzes events that can impact a networks health. Advanced telemetry and automation provide the ability to easily identify and troubleshoot network, system, application and security related issues easily, through the use of python agents, CLI-based agents and REST APIs.

The Time Series Database (TSDB) stores configuration and operational state data, making it available to quickly resolve network issues. The data may also be used to analyze trends, identify anomalies and predict future capacity requirements.

Aruba NetEdit - automated switch configuration and management

The entire Aruba CX portfolio empowers IT teams to orchestrate multiple switch configuration changes for smooth end-to-end service rollouts. Aruba NetEdit introduces automation that allows for rapid network-wide changes, and ensures policy conformance post network updates. Intelligent capabilities include search, edit, validation (including conformance checking), deployment and audit features. Capabilities include:

- Centralized configuration with validation for consistency and compliance
- Time savings via simultaneous viewing and editing of multiple configurations
- Customized validation tests for corporate compliance and network design
- Automated large-scale configuration deployment without programming
- Network health and topology visibility via Aruba NAE integration

Notes: A separate software license is required to use Aruba NetEdit.

Aruba CX Mobile App - unparalleled deployment convenience

An easy to use mobile app simplifies connecting and managing Aruba CX switches for any size project. Switch information can also be imported into Aruba NetEdit for simplified configuration management and to continuously validate the conformance of configurations anywhere in the network. The Aruba CX Mobile App is available for **download**.

Aruba Virtual Switching Extension

The ability of AOS-CX to maintain synchronous state across dual control planes allows a unique high availability solution called Aruba Virtual Switching Extension (VSX). VSX is delivered through redundancy gained by deploying two chassis with an inter-switch link, with each chassis maintaining its independent control.

Designed using the best features of existing HA technologies such as Multi-chassis Link Aggregation (MC-LAG) and Virtual

Standard Features

Switching Framework (VSF), Aruba VSX enables a distributed architecture that is highly available during upgrades or control plane events. Features include:

- Continuous configuration synchronization via AOS-CX
- Flexible active-active network designs at Layers 2 and 3
- Operational simplicity and usability for easy configuration
- High availability by design during upgrades including support for VSX Live Upgrade with LACP traffic draining.

Performance
- **High-speed fully distributed architecture**
  Provides 6.4Tbps for bidirectional switching and 2,000 Mpps for forwarding. All switching and routing are wire-speed to meet the demands of bandwidth-intensive applications today and in the future.
- **Scalable system design**
  Provides investment protection to support future technologies and higher-speed connectivity

Connectivity
- **High-density port options**
  Choice of compact high density port 1U switches with airflow direction flexibility include model with:
  - 32 ports of 40GbE/100GbE (QSFP+/QSFP28), with optional 4x10 and 4x25 breakout, or
  - 48 ports of 1GbE/10GbE/25GbE (SFP/SFP+/SFP28, with 1GBASE-T and 10GBASE-T transceiver support) and 8 ports of 40GbE/100GbE (QSFP+/QSFP28) SFP+ ports (with an optional 10GBASE-T transceiver)
- **Jumbo frames**
  Supports high-performance backups and disaster-recovery systems; provides a maximum frame size of 9K bytes
- **Unsupported Transceiver Mode (UTM)**
  Allows to insert and enable all unsupported 1G and 10G transceiver and cable. No warranty nor support for the transceiver/cable when used
- **Loopback**
  Supports internal loopback testing for maintenance purposes and increased availability; loopback detection protects against incorrect cabling or network configurations and can be enabled on a per-port or per-VLAN basis for added flexibility
- **Packet storm protection**
  Protects against unknown broadcast, unknown multicast, or unicast storms with user-defined thresholds

Quality of Service (QoS)

- **Strict priority (SP) queuing and Deficit Weighted Round Robin (DWRR)**
  - Enable congestion avoidance

- **Storage Features**
  - Main section

- **Data Center Bridging (DCB)**
  - Supports lossless Ethernet networking standard Priority Flow Control (PFC), Enhanced Transmission Service (ETS) and DCB Exchange Protocol (DCBX) to eliminate packet loss due to queue overflow.
- **PFC priority**

Standard Features

- − Enables 2 PFC priorities per port
- **Flow-Control Guard**
  - − Prevents accumulation of excessive congestion with periodic flushing
  - − Avoids packets buffering for an extended time period
- **Pre-standard LLDP DCBX**
  - − Enables pre-standard IEEE 1.01 version of DCBX
- **ECN with slope**
  - − Marks packets as ECN-CE (Congestion Experienced)
  - − Helps TCP to reduce receive window size during congestion
- **Other storage features**
  - − Advanced lossless pool configuration
  - − Global buffering statistics

Layer 3 services

- **Address Resolution Protocol (ARP)**
  Determines the MAC address of another IP host in the same subnet; supports static ARPs; gratuitous ARP allows detection of duplicate IP addresses; proxy ARP allows normal ARP operation between subnets or when subnets are separated by a Layer 2 network

- **IP Directed Broadcast**
  Supports directed broadcast on configured network subnets.
- **Dynamic Host Configuration Protocol (DHCP)**
  DHCP services are offered within a client network to simplify network management. DHCP Relay enables DHCP operation across subnets

- **DHCP Server**
  Supports DHCP services (for IPv4 and IPv6) in customer networks

- **DHCP Relay Coexistence with Server**

Allows DHCP relay coexistence with DHCP server for both IPv4 and IPv6

- **Domain Name System (DNS)**

Provides a distributed database that translates domain names and IP addresses, which simplifies network design; supports client and server. It also supports mDNS Gateway

- **Generic Routing Encapsulation (GRE)**
  Enables tunneling traffic from site to site over a Layer 3 path.

Layer 2 switching

- **VLAN**
  Supports up to 4,040 port-based or IEEE 802.1Q-based VLANs
- **VLAN Translation**
  Remaps VLANs during transit across a core network
- **Bridge Protocol Data Unit (BPDU) tunneling**
  Transmits STP BPDUs transparently, allowing correct tree calculations across service providers, WANs, or MANs
- **Port mirroring**
  Duplicates port traffic (ingress and egress) to a local or remote monitoring port; supports 4 mirroring

Standard Features

    groups, with an unlimited number of ports per group

- **STP**
  Supports standard IEEE 802.1D STP, IEEE 802.1w Rapid Spanning Tree Protocol (RSTP) for faster convergence, and IEEE 802.1s Multiple Spanning Tree Protocol (MSTP)
- **Rapid Per-VLAN spanning tree plus (RPVST+)**
  Allows each VLAN to build a separate spanning tree to improve link bandwidth usage in network environments with multiple VLANs.
- **Internet Group Management Protocol (IGMP)**
  Controls and manages the flooding of multicast packets in a Layer 2 network
- **Static VXLAN**
  Supports static VXLAN. Allows operators to manually connect two or more VXLAN tunnel endpoints (VTEP).
- **Dynamic VXLAN with BGP-EVPN**
  Deep segmentation for Spine/Leaf data center networks or Layer 3 campus designs

- **Pv4 Multicast in VXLAN/EVPN Overlay**

Enable PIM-SM/IGMP snooping in the VXLAN Overlay

- **IPv6 VXLAN/EVPN Overlay Support**
  Enables IPv6 traffic over the VXLAN overlay
- **VXLAN DC Multi-Fabric DCI Support**
- **VXLAN distributed anycast gateway**
  Addressing mechanism that enables the use of the same gateway IP addresses across all the leaf switches part of a VXLAN network. It supports VSX active forwarding for VXLAN underlay.

- **VXLAN ARP/ND suppression**
  Allows minimization of ARP and ND traffic flooding within individual VXLAN segments, thus optimizing the VXLAN network

Layer 3 routing

- **Static IPv4 routing**
  Provides simple manually configured IPv4 routing
- **Open shortest path first (OSPF)**
  Delivers faster convergence; uses link-state routing Interior Gateway Protocol (IGP), which supports ECMP, NSSA, and MD5 authentication for increased security and graceful restart for faster failure recovery

- **Loopback IP redistribution in OSPF**

Allows redistribution of IPv4 and IPv6 addresses of loopback interface in OSFPv2/v3

- **Border Gateway Protocol 4 (BGP-4)**
  Delivers an implementation of the Exterior Gateway Protocol (EGP) utilizing path vectors; uses TCP for enhanced reliability for the route discovery process; reduces bandwidth consumption by advertising only incremental updates; supports extensive policies for increased flexibility; scales to very large networks
- **Multiprotocol BGP (MP-BGP) with IPv6 Address Family**
  Enables sharing of IPv6 routes using BGP and connections to BGP peers using IPv6
- **Routing Information Protocol Next Generation (RIPng)**
  Extension of RIPv2 for support of IPv6 networking
- **Policy Based Routing (PBR)**

Standard Features

Enables using a classifier to select traffic that can be forwarded based on policy set by the network administrator.

- **6in4 tunnels**

  Supports the tunneling of IPv6 traffic in an IPv4 network.

- **IP performance optimization**

  Provides a set of tools to improve the performance of IPv4 networks; includes directed broadcasts, customization of TCP parameters, support of ICMP error packets, and extensive display capabilities

- **Static IPv6 routing**

  Provides simple manually configured IPv6 routing

- **Dual IP stack**

  Maintains separate stacks for IPv4 and IPv6 to ease the transition from an IPv4-only network to an IPv6-only network design

- **OSPFv3**

  Provides OSPF support for IPv6

- **Equal-Cost Multipath (ECMP)**

  Enables multiple equal-cost links in a routing environment to increase link redundancy and scale bandwidth

- **Generic Routing Encapsulation (GRE)**

  Enables tunneling traffic from site to site over a Layer 3 path

Resiliency and high availability

- **Redundant and load-sharing fans and power supplies**

  Increases total performance and power availability while providing hitless, stateful failover

- **Hot swappable power supply and fan modules**

  Allows replacement of modules without any operational impact on other modules

- **Separate data and control paths**

  Separates control from services and keeps service processing isolated; increases security and performance

- **Aruba Virtual Switching Extension (VSX)**

  VSX enables a distributed and redundant architecture by deploying two switches with each switch maintaining independent control yet staying synchronized during upgrades or failover. Also supports upgrades during live operation.

- **Virtual Router Redundancy Protocol (VRRP)**

  Allows a group of switches to dynamically back each other up to create highly available routed environments

- **Bidirectional Forward Detection (BFD)**

  Enables sub-second failure detection for rapid routing protocol re-balancing

- **Ethernet Ring Protection Switching (ERPS)**

  Supports rapid protection and recovery in a ring topology.

- **Unidirectional Link Detection (UDLD)**

  Monitors link connectivity and shuts down ports at both ends if unidirectional traffic is detected, preventing loops in STP-based networks

- **IEEE 802.3ad LACP**

  Supports up to 54 link aggregation groups (LAGs), each with eight links per group, with a user-selectable hashing algorithm

Security

- **TAA Compliance**

  The Aruba CX 8325, a TAA-compliant product, with the AOS-CX uses FIPS 140-2 validated cryptography for protection of sensitive information

Standard Features

- **Access control list (ACL) Features**
  Supports powerful ACLs for both IPv4 and IPv6. Supports creation of object groups representing sets of devices like IP addresses. For instance, IT management devices could be grouped in this way. ACLs can also protect control plane services such as SSH, SNMP, NTP or web servers.
- **Remote Authentication Dial-In User Service (RADIUS)**
  Eases security access administration by using a password authentication server
- **Enrollment over Secure Transport (EST)**
  Enables secure certificate enrollment, allowing for easier enterprise management of PKI.
- **Terminal Access Controller Access-Control System (TACACS+)**
  Delivers an authentication tool using TCP with encryption of the full authentication request, providing additional security
- **RadSec**
  Enable RADIUS authentication and accounting data to be passed safely and reliably across insecure networks such as the internet
- **Management access security**
  Aruba OS CX provides for both on-box as well as off- box authentication for administrative access. RADIUS or TACACS+ can be used to provide encrypted user authentication. Additionally, TACACS+ can also provide user authorization services
- **Secure shell (SSHv2)**
  Uses external servers to securely log in to a remote device; with authentication and encryption, it protects against IP spoofing and plain-text password interception; increases the security of Secure FTP (SFTP) transfers

Management

In addition to the Aruba CX Mobile App, Aruba NetEdit and Aruba Network Analytics Engine, the 8325 series offers the following:

- **Built-in programmable and easy to use REST API interface**
- **Management interface control**
  Enables or disables each of the following interfaces depending on security preferences: console port, or reset button
- **Industry-standard CLI with a hierarchical structure**
  Reduces training time and expenses, and increases productivity in multivendor installations
- **Management security**
  Restricts access to critical configuration commands; offers multiple privilege levels with password protection; ACLs provide SNMP access; local and remote Syslog capabilities allow logging of all access.

- **Private VLAN (PVLAN)**

Provides traffic isolation between users on the same VLAN. Typically a switch port can only communicate with other ports in the same community and/or an uplink port, regardless of VLAN ID or destination MAC address. This extends network security by restricting peer-peer communication to prevent variety of malicious attacks.

- **IPv6 RA**

guard without ND Guard for preventing clients to advertise themselves as routers

- **IPSLA**
  Monitor the network for degradation of various services, including monitoring voice. Monitoring is enabled via the NAE for history and for automated gathering of additional information when anomalies are detected.
- **SNMP v2c/v3**
  Provides SNMP read and trap support of industry standard Management Information Base (MIB), and

Standard Features

private extensions

- **sFlow® (RFC 3176)**
  Provides scalable ASIC-based wire speed network monitoring and accounting with no impact on network performance; this allows network operators to gather a variety of sophisticated network statistics and information for capacity planning and real-time network monitoring purposes.
- **Remote monitoring (RMON)**
  Uses standard SNMP to monitor essential network functions and supports events, alarms, history, and statistics groups as well as a private alarm extension group

- **Supportability**

Job scheduler framework

- **TFTP and SFTP support**
  Offers different mechanisms for configuration updates; trivial FTP (TFTP) allows bidirectional transfers over a TCP/ IP network; Secure File Transfer Protocol (SFTP) runs over an SSH tunnel to provide additional security
- **Debug and sampler utility**
  Supports ping and traceroute for IPv4 and IPv6
- **Network Time Protocol (NTP)**
  Synchronizes timekeeping among distributed time servers and clients; keeps timekeeping consistent among all clock-dependent devices within the network. Can serve as the NTP server in a customer network.
- **IEEE 802.1AB Link Layer Discovery Protocol (LLDP)**
  Advertises and receives management information from adjacent devices on a network, facilitating easy mapping by network management applications
- **Dual flash images**
  Provides independent primary and secondary operating system files for backup while upgrading
- **Multiple configuration files**
  Stores easily to the flash image

Additional information
- Green initiative support
- Provides support for RoHS (EN 50581:2012) regulations
- Korea Government Security Features
  - Ensure configuration integrity
  - Limit concurrent users for web access
  - Platforms: All CX platforms
- Analytics
  - AIOPS - NAE Agent & Engine Improvements - Unicast Routing
  - AIOPS - NAE Agent & Engine Improvements - Client Services

Warranty, services and support
- **Limited Lifetime Warranty**
  See **https://www.arubanetworks.com/support-services/product-warranties/** for warranty and support information included with your product purchase.
- **Software Releases and Documentation**
  Refer to **https://asp.arubanetworks.com/downloads**
- **Support and services information**
  Visit **https://www.arubanetworks.com/support-services/arubacare**/

Standard Features

Multicast

- **Internet Group Management Protocol (IGMP)**
  Enables establishing multicast group memberships in IPv4 networks; supports IGMPv1, v2, and v3
- **Multicast Listener Discovery (MLD)**
  Enable discovery of IPv6 multicast listeners; supports MLDv1 and v2 and L3-Multicast.
- **Multicast Service Delivery Protocol (MSDP) for Anycast RP**
  MSDP used for Anycast RP is an intradomain feature that provides redundancy and load-sharing capabilities.
- **MSDP Mesh Groups**
  MSDP used for Anycast RP is an intradomain feature that provides redundancy and load-sharing capabilities.
  When MSDP mesh groups are used, SA messages are not flooded to other mesh group peers. When MSDP peer in group receives SA message from another MSDP peer in the group, it assumes that this SA message was sent to all the other MSDP peers in the group. It also eliminates RPF checks on arriving SA messages. With MSDP mesh group configured, SA messages are always accepted from mesh group peer.
- **PIM-Dense Mode**
  Floods multicast traffic to every corner of the network (push-model). Method is for delivering data to receivers without receivers requesting the data. Can be efficient in certain deployments in which there are active receivers on every subnet in the network. Branches without downstream receivers are pruned from the forwarding trees.
- **FastLeave (FL) and Forced-FastLeave (FFL)**
  IGMP FL and FFL for IGMP/MLD speed up the process of blocking unnecessary Multicast traffic to a switch port that is connected to end nodes. They help to eliminate the CPU overhead of having to generate an IGMP/MLD Group-Specific Query message.
- **Support for Microsoft Network Load Balancer (NLB) for server applications**
- **IGMP/MLD Snooping**
  Prevent flooding of multicast traffic to non-listening ports.
- **Protocol Independent Multicast (PIM)**
  PIM for IPv4 and IPv6 supports one-to-many and many-to-many media casting use cases such as IPTV over IPv4 and IPv6 networks. Support for PIM Sparse Mode (SM), Source-Specific Multicast (SSM), and Dense Mode(DM)

Configuration Information

BTO Models

Standard Switch Enclosures

Rule #	Description	SKU
1, 2, 3, 4, 5, 6, 7	Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Front-to-Back 6 Fans and 2 PSU Bundle	JL624A

- Includes 2 FB Power Supplies (JL632A) with no additional open PS slots
- Includes 6 FB Fan Tray Bundles (JL628A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max= 48 SFP+/SFP28 1/10/25G Transceivers
- Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule7)
- 1U - Height

Description	SKU
Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Front-to-Back 6 Fans and 2 PSU Bundle PDU	JL624A#B2B

- C13 PDU Jumper Cord (NA/MEX/TW/JP)

Description	SKU
Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Front-to-Back 6 Fans and 2 PSU Bundle PDU	JL624A#B2C

- C13 PDU Jumper Cord (ROW)

Description	SKU
Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Front-to-Back 6 Fans and 2 PSU Bundle 220v	JL624A#B2E

- HPE 2.3M C13 to NEMA L6-20P Power Cord(J9936A)

Description	SKU
Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Front-to-Back 6 Fans and 2 PSU Bundle No Loc	JL624A#AC3

- No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)

Rule #	Description	SKU
1, 2, 3, 4, 5, 6, 7	Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Back-to-Front 6 Fans and 2 PSU Bundle	JL625A

- Includes 2 BF Power Supplies (JL633A) with no additional open PS slots
- Includes 6 BF Fan Tray Bundles (JL629A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max= 48 SFP+/SFP28 1/10/25G Transceivers
- Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule7)
- 1U - Height

Description	SKU
Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Back-to-Front 6 Fans and 2 PSU Bundle PDU	JL625A#B2B

- C13 PDU Jumper Cord (NA/MEX/TW/JP)

Description	SKU
Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Back-to-Front 6 Fans and 2 PSU Bundle PDU	JL625A#B2C

- C13 PDU Jumper Cord (ROW)

Description	SKU
Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Back-to-Front 6 Fans and 2 PSU Bundle 220v	JL625A#B2E

- HPE 2.3M C13 to NEMA L6-20P Power Cord(J9936A)

Description	SKU
Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Back-to-Front 6 Fans and 2 PSU Bundle No Loc	JL625A#AC3

Configuration Information

- No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)

Rule #	Description	SKU
4, 5, 6, 7	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans and 2 Power Supply Bundle	JL626A

- Includes 2 FB Power Supplies (JL632A) with no additional open PS slots
- Includes 6 FB Fan Tray Bundles (JL630A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule7)
- 1U - Height

	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans and 2 Power Supply Bundle PDU	JL626A#B2B

- C13 PDU Jumper Cord (NA/MEX/TW/JP)

	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans and 2 Power Supply Bundle PDU	JL626A#B2C

- C13 PDU Jumper Cord (ROW)

	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans and 2 Power Supply Bundle 220v	JL626A#B2E

- HPE 2.3M C13 to NEMA L6-20P Power Cord(J9936A)

	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans and 2 Power Supply Bundle No Loc	JL626A#AC3

- No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)

4, 5, 6, 7	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans and 2 Power Supply Bundle	JL627A

- Includes 2 BF Power Supplies (JL633A) with no additional open PS slots
- Includes 6 BF Fan Tray Bundles (JL631A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule7)
- 1U - Height

	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans and 2 Power Supply Bundle PDU	JL627A#B2B

- C13 PDU Jumper Cord (NA/MEX/TW/JP)

	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans and 2 Power Supply Bundle PDU	JL627A#B2C

- C13 PDU Jumper Cord (ROW)

	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans and 2 Power Supply Bundle 220v	JL627A#B2E

- HPE 2.3M C13 to NEMA L6-20P Power Cord(J9936A)

	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans and 2 Power Supply Bundle No Loc	JL627A#AC3

- No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)

DC Bundles

Configuration Information

1, 2, 3, 4, 5, 7	Aruba 8325-48Y8C 48-port 25G SFP/SFP+/SFP28 8-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans 2 DC Bdl	JL857A

- Includes 2 FB Power Supplies (JL861A) with no additional open PS slots
- Includes 6 FB Fan Tray Bundles (JL628A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max= 48 SFP/SFP+/SFP28 1/10/25G Transceivers
- Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule7)
- 1U - Height

1, 2, 3, 4, 5, 7	Aruba 8325-48Y8C 48-port 25G SFP/SFP+/SFP28 8-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans 2 DC Bdl	JL858A

- Includes 2 BF Power Supplies (JL862A) with no additional open PS slots
- Includes 6 BF Fan Tray Bundles (JL629A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max= 48 SFP/SFP+/SFP28 1/10/25G Transceivers
- Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule7)
- 1U - Height

4, 5, 7	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans and 2 DC Bundle	JL859A

- Includes 2 FB Power Supplies (JL861A) with no additional open PS slots
- Includes 6 FB Fan Tray Bundles (JL630A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule7)
- 1U - Height

4, 5, 7	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans and 2 DC Bundle	JL860A

- Includes 2 BF Power Supplies (JL862A) with no additional open PS slots
- Includes 6 BF Fan Tray Bundles (JL631A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule7)
- 1U - Height

Configuration Rules

1	The following Transceivers install into this Switch: (Use BTO only when adding to switch)	
	Aruba 1G SFP LC SX 500m OM2 MMF Transceiver	J4858D
	Aruba 1G SFP LC LX 10km SMF Transceiver	J4859D
	Aruba 1G SFP LC LH 70km SMF Transceiver	J4860D
	Aruba 1G SFP RJ45 T 100m Cat5e Transceiver	J8177D
	Aruba 1G SFP LC SX 500m MMF TAA Transceiver	JL745A
	Aruba 1G SFP LC LX 10km SMF TAA Transceiver	JL746A
	Aruba 1G SFP RJ45 T 100m Cat5e TAA Transceiver	JL747A
2	The following Transceivers install into this Switch: (Use BTO only when adding to switch)	
	Aruba 10GBASE-T SFP+ RJ45 30m Cat6A Transceiver	JL563B
	Aruba 10G SFP+ LC SR 300m OM3 MMF Transceiver	J9150D
	Aruba 10G SFP+ LC LR 10km SMF Transceiver	J9151E
	Aruba 10G SFP+ LC ER 40km SMF Transceiver	J9153D
	Aruba 10G SFP+ LC SR 300m MMF TAA Transceiver	JL748A
	Aruba 10G SFP+ LC LR 10km SMF TAA Transceiver	JL749A

Configuration Information

	Aruba 10G SFP+ to SFP+ 1m Direct Attach Copper Cable	J9281D
	Aruba 10G SFP+ to SFP+ 3m Direct Attach Copper Cable	J9283D
	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 3m Direct Attach Copper Cable	487655-B21
	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 5m Direct Attach Copper Cable	537963-B21
3	The following Transceivers install into this Switch: (Use BTO only when adding to switch)	
	Aruba 25G SFP28 LC SR 100m MMF Transceiver	JL484A
	Aruba 25G SFP28 LC eSR 400m MMF Transceiver	JL485A
	Aruba 25G SFP28 LC LR 10km SMF Transceiver	JL486A
	Aruba 25G SFP28 to SFP28 0.65m Direct Attach Cable	JL487A
	Aruba 25G SFP28 to SFP28 3m Direct Attach Copper Cable	JL488A
	Aruba 25G SFP28 to SFP28 5m Direct Attach Copper Cable	JL489A
	Aruba 25G SFP28 to SFP28 3m Active Optical Cable	R0M44A
	Aruba 25G SFP28 to SFP28 7m Active Optical Cable	R0M45A
	Aruba 25G SFP28 to SFP28 15m Active Optical Cable	R0Z21A
	HPE 25Gb SFP28 to SFP28 3m Direct Attach Copper Cable	844477-B21
	HPE 25Gb SFP28 to SFP28 5m Direct Attach Copper Cable	844480-B21
4	The following Transceivers install into this Switch: (Use BTO only when adding to switch)	
	Aruba 40G QSFP+ LC ER4 40km SMF Transceiver	Q9G82A
	HPE X142 40G QSFP+ MPO SR4 Transceiver	JH231A
	HPE X142 40G QSFP+ LC LR4 SM Transceiver	JH232A
	HPE X142 40G QSFP+ MPO eSR4 300M Transceiver	JH233A
	Aruba 40G QSFP+ LC Bidirectional 150m MMF 2-strand Transceiver	JL308A
	HPE X242 40G QSFP+ to QSFP+ 1m Direct Attach Copper Cable	JH234A
	HPE X242 40G QSFP+ to QSFP+ 3m Direct Attach Copper Cable	JH235A
	HPE X242 40G QSFP+ to QSFP+ 5m Direct Attach Copper Cable	JH236A
	Aruba 40G QSFP+ to QSFP+ 7m Active Optical Cable	R0Z22A
	Aruba 40G QSFP+ to QSFP+ 15m Active Optical Cable	R0Z23A
	Aruba 40G QSFP+ to QSFP+ 30m Active Optical Cable	R0Z24A
	HPE BladeSystem c-Class 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable	721064-B21
5	The following Transceivers install into this Switch: (Use BTO only when adding to switch)	
	Aruba 100G QSFP28 LC ER4L 40km SMF Transceiver	JL743A
	Aruba 100G QSFP28 MPO SR4 100m 12-fiber MPO OM3 MMF Transceiver	JL309A
	Aruba 100G QSFP28 LC LR4 10km SMF 2-strand Transceiver	JL310A
	Aruba 100G QSFP28 LC CWDM4 2km SMF Transceiver	R0Z30A
	HPE 100Gb QSFP28 Bidirectional Transceiver	845972-B21
	Aruba 100G QSFP28 to QSFP28 1m Direct Attach Copper Cable	R0Z25A
	Aruba 100G QSFP28 to QSFP28 3m Direct Attach Copper Cable	JL307A
	Aruba 100G QSFP28 to QSFP28 5m Direct Attach Copper Cable	R0Z26A
	HPE 100Gb QSFP28 to 4x25Gb SFP28 3m Direct Attach Copper Cable	845416-B21
	Aruba 100G QSFP28 to QSFP28 2m Active Optical Cable	JL856A
	Aruba 100G QSFP28 to QSFP28 7m Active Optical Cable	R0Z27A
	Aruba 100G QSFP28 to QSFP28 15m Active Optical Cable	R0Z28A
	Aruba 100G QSFP28 to QSFP28 30m Active Optical Cable	R0Z29A

Configuration Information

6   Localization required on orders without #B2B, #B2C, #B2E or #AC3 options.

7   If qty1 of the following QSA28 Adapter(845970-B21) is selected, then increase max SFP28 Port qty by 1 and allow user selection of the following SFP Transceivers. Refer to qty and port restrictions for individual Switch in the ""Additional Info"" sections: (Use BTO only when adding this QSA28 Adapter)

Aruba 10G SFP+ LC SR 300m OM3 MMF Transceiver	J9150D
Aruba 10G SFP+ LC LR 10km SMF Transceiver	J9151E
Aruba 10G SFP+ LC ER 40km SMF Transceiver	J9153D
Aruba 10G SFP+ LC SR 300m MMF TAA Transceiver	JL748A
Aruba 10G SFP+ LC LR 10km SMF TAA Transceiver	JL749A
Aruba 25G SFP28 LC SR 100m MMF Transceiver	JL484A
Aruba 25G SFP28 LC eSR 400m MMF Transceiver	JL485A
Aruba 25G SFP28 LC LR 10km SMF Transceiver	JL486A

Notes: Drop down under power supply should offer the following options and results:

Switch/Router/Power Supply to PDU Power Cord - #B2B in North America, Mexico, Taiwan, and Japan or #B2C ROW. (Watson Default B2B or B2C for Rack Level CTO)

Switch/Router/Power Supply to Wall Power Cord - Localized Option (Watson Default for BTO and Box Level CTO)

High Volt Switch/Router/Power Supply to Wall Power Cord - #B2E Option. (Offered only in North America, Mexico, Taiwan, and Japan)

No Power Cord - #AC3 Option

OCA Blue Locking Power Cord (J9955A) L6-20P is available through the OCA Accessories tab.

OCA Only Model Selection Form -

HPE Offering > Aruba > Switches - ArubaOS: Aruba 8325 Switch Series

Rack Level Integration CTO Models

Rule #	Description	SKU
1, 2, 3, 4, 5, 6, 7, 8	Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Front-to-Back 6 Fans and 2 PSU Bundle	JL624A

- Includes 2 FB Power Supplies (JL632A) with no additional open PS slots
- Includes 6 FB Fan Tray Bundles (JL628A) with no additional open FT Slots
- Must select 4 Post Rack Kit
- Min=0 \ Max= 48 SFP+/SFP28 1/10/25G Transceivers
- Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule8)
- 1U - Height

Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Front-to-Back 6 Fans and 2 PSU Bundle PDU		JL624A#B2B

- C13 PDU Jumper Cord (NA/MEX/TW/JP)

Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Front-to-Back 6 Fans and 2 PSU Bundle PDU		JL624A#B2C

- C13 PDU Jumper Cord (ROW)

Configuration Information

	Description	SKU
	Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Front-to-Back 6 Fans and 2 PSU Bundle 220v	JL624A#B2E
	• HPE 2.3M C13 to NEMA L6-20P Power Cord(J9936A)	
	Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Front-to-Back 6 Fans and 2 PSU Bundle No Loc	JL624A#AC3
	• No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)	

1, 2, 3, 4, 5, 6, 7, 8   Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Back-to-Front 6 Fans and 2 PSU Bundle   JL625A

- Includes 2 BF Power Supplies (JL633A) with no additional open PS slots
- Includes 6 BF Fan Tray Bundles (JL629A) with no additional open FT Slots
- Must select 4 Post Rack Kit
- Min=0 \ Max= 48 SFP+/SFP28 1/10/25G Transceivers
- Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule8)
- 1U - Height

	Description	SKU
	Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Back-to-Front 6 Fans and 2 PSU Bundle PDU	JL625A#B2B
	• C13 PDU Jumper Cord (NA/MEX/TW/JP)	
	Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Back-to-Front 6 Fans and 2 PSU Bundle PDU	JL625A#B2C
	• C13 PDU Jumper Cord (ROW)	
	Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Back-to-Front 6 Fans and 2 PSU Bundle 220v	JL625A#B2E
	• HPE 2.3M C13 to NEMA L6-20P Power Cord(J9936A)	
	Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Back-to-Front 6 Fans and 2 PSU Bundle No Loc	JL625A#AC3
	• No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)	

Rule #	Description	SKU
4, 5, 6, 7, 8	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans and 2 Power Supply Bundle	JL626A

- Includes 2 FB Power Supplies (JL632A) with no additional open PS slots
- Includes 6 FB Fan Tray Bundles (JL630A) with no additional open FT Slots
- Must select 4 Post Rack Kit
- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule8)
- 1U - Height

	Description	SKU
	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans and 2 Power Supply Bundle PDU	JL626A#B2B
	• C13 PDU Jumper Cord (NA/MEX/TW/JP)	
	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans and 2 Power Supply Bundle PDU	JL626A#B2C
	• C13 PDU Jumper Cord (ROW)	
	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans and 2 Power Supply Bundle 220v	JL626A#B2E
	• HPE 2.3M C13 to NEMA L6-20P Power Cord(J9936A)	

Configuration Information

	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans and 2 Power Supply Bundle No Loc	JL626A#AC3

- No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)

4, 5, 6, 7, 8   Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans and 2 Power Supply Bundle   JL627A

- Includes 2 BF Power Supplies (JL633A) with no additional open PS slots
- Includes 6 BF Fan Tray Bundles (JL631A) with no additional open FT Slots
- Must select 4 Post Rack Kit
- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule8)
- 1U - Height

Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans and 2 Power Supply Bundle PDU   JL627A#B2B

- C13 PDU Jumper Cord (NA/MEX/TW/JP)

Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans and 2 Power Supply Bundle PDU   JL627A#B2C

- C13 PDU Jumper Cord (ROW)

Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans and 2 Power Supply Bundle 220v   JL627A#B2E

- HPE 2.3M C13 to NEMA L6-20P Power Cord(J9936A)

Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans and 2 Power Supply Bundle No Loc   JL627A#AC3

- No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)

DC Bundles

1, 2, 3, 4, 5, 8   Aruba 8325-48Y8C 48-port 25G SFP/SFP+/SFP28 8-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans 2 DC Bdl   JL857A

- Includes 2 FB Power Supplies (JL861A) with no additional open PS slots
- Includes 6 FB Fan Tray Bundles (JL628A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max= 48 SFP/SFP+/SFP28 1/10/25G Transceivers
- Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule8)
- 1U - Height

1, 2, 3, 4, 5, 8   Aruba 8325-48Y8C 48-port 25G SFP/SFP+/SFP28 8-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans 2 DC Bdl   JL858A

- Includes 2 BF Power Supplies (JL862A) with no additional open PS slots
- Includes 6 BF Fan Tray Bundles (JL629A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max= 48 SFP/SFP+/SFP28 1/10/25G Transceivers
- Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule8)
- 1U - Height

4, 5, 7, 8   Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans and 2 DC Bundle   JL859A

- Includes 2 FB Power Supplies (JL861A) with no additional open PS slots
- Includes 6 FB Fan Tray Bundles (JL630A) with no additional open FT Slots
- Must select a Rack Kit

Configuration Information

- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Tran+F64sceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule8)
- 1U - Height

4, 5, 7, 8   Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans and 2 DC Bundle   JL860A

- Includes 2 BF Power Supplies (JL862A) with no additional open PS slots
- Includes 6 BF Fan Tray Bundles (JL631A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule8)
- 1U - Height

Configuration Rules

Rule #	Description	SKU
1	The following Transceivers install into this Switch: (Use #0D1 quoted to switch if switch is CTO) - if applicable:	
	Aruba 1G SFP LC SX 500m OM2 MMF Transceiver	J4858D
	Aruba 1G SFP LC LX 10km SMF Transceiver	J4859D
	Aruba 1G SFP LC LH 70km SMF Transceiver	J4860D
	Aruba 1G SFP RJ45 T 100m Cat5e Transceiver	J8177D
2	The following Transceivers install into this Switch: (Use #0D1 quoted to switch if switch is CTO) - if applicable:	
	Aruba 10GBASE-T SFP+ RJ45 30m Cat6A Transceiver	JL563B
	Aruba 10G SFP+ LC SR 300m OM3 MMF Transceiver	J9150D
	Aruba 10G SFP+ LC LR 10km SMF Transceiver	J9151E
	Aruba 10G SFP+ LC ER 40km SMF Transceiver	J9153D
	Aruba 10G SFP+ to SFP+ 1m Direct Attach Copper Cable	J9281D
	Aruba 10G SFP+ to SFP+ 3m Direct Attach Copper Cable	J9283D
	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 3m Direct Attach Copper Cable	487655-B21
	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 5m Direct Attach Copper Cable	537963-B21
3	The following Transceivers install into this Switch: (Use #0D1 or #B01 quoted to switch if switch is CTO) - if applicable:	
	Aruba 25G SFP28 LC SR 100m MMF Transceiver	JL484A
	Aruba 25G SFP28 LC eSR 400m MMF Transceiver	JL485A
	Aruba 25G SFP28 LC LR 10km SMF Transceiver	JL486A
	Aruba 25G SFP28 to SFP28 0.65m Direct Attach Cable	JL487A
	Aruba 25G SFP28 to SFP28 3m Direct Attach Copper Cable	JL488A
	Aruba 25G SFP28 to SFP28 5m Direct Attach Copper Cable	JL489A
	Aruba 25G SFP28 to SFP28 3m Active Optical Cable	R0M44A
	Aruba 25G SFP28 to SFP28 7m Active Optical Cable	R0M45A
	Aruba 25G SFP28 to SFP28 15m Active Optical Cable	R0Z21A
	HPE 25Gb SFP28 to SFP28 3m Direct Attach Copper Cable	844477-B21
	HPE 25Gb SFP28 to SFP28 5m Direct Attach Copper Cable	844480-B21
4	The following Transceivers install into this Switch: (Use #0D1 or #B01 quoted to switch if switch is CTO) - if applicable:	
	Aruba 40G QSFP+ LC ER4 40km SMF Transceiver	Q9G82A
	HPE X142 40G QSFP+ MPO SR4 Transceiver	JH231A
	HPE X142 40G QSFP+ LC LR4 SM Transceiver	JH232A
	HPE X142 40G QSFP+ MPO eSR4 300M Transceiver	JH233A

Configuration Information

	Aruba 40G QSFP+ LC Bidirectional 150m MMF 2-strand Transceiver	JL308A
	HPE X242 40G QSFP+ to QSFP+ 1m Direct Attach Copper Cable	JH234A
	HPE X242 40G QSFP+ to QSFP+ 3m Direct Attach Copper Cable	JH235A
	HPE X242 40G QSFP+ to QSFP+ 5m Direct Attach Copper Cable	JH236A
	Aruba 40G QSFP+ to QSFP+ 7m Active Optical Cable	R0Z22A
	Aruba 40G QSFP+ to QSFP+ 15m Active Optical Cable	R0Z23A
	Aruba 40G QSFP+ to QSFP+ 30m Active Optical Cable	R0Z24A
	HPE BladeSystem c-Class 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable	721064-B21
5	The following Transceivers install into this Switch: (Use #0D1 or #B01 quoted to switch if switch is CTO) - if applicable:	
	Aruba 100G QSFP28 LC ER4L 40km SMF Transceiver	JL743A
	Aruba 100G QSFP28 MPO SR4 100m 12-fiber MPO OM3 MMF Transceiver	JL309A
	Aruba 100G QSFP28 LC LR4 10km SMF 2-strand Transceiver	JL310A
	Aruba 100G QSFP28 LC CWDM4 2km SMF Transceiver	R0Z30A
	HPE 100Gb QSFP28 Bidirectional Transceiver	845972-B21
	Aruba 100G QSFP28 to QSFP28 1m Direct Attach Copper Cable	R0Z25A
	Aruba 100G QSFP28 to QSFP28 3m Direct Attach Copper Cable	JL307A
	Aruba 100G QSFP28 to QSFP28 5m Direct Attach Copper Cable	R0Z26A
	HPE 100Gb QSFP28 to 4x25Gb SFP28 3m Direct Attach Copper Cable	845416-B21
	Aruba 100G QSFP28 to QSFP28 2m Active Optical Cable	JL856A
	Aruba 100G QSFP28 to QSFP28 7m Active Optical Cable	R0Z27A
	Aruba 100G QSFP28 to QSFP28 15m Active Optical Cable	R0Z28A
	Aruba 100G QSFP28 to QSFP28 30m Active Optical Cable	R0Z29A
	HPE QSFP28 to 4x25Gb SFP28 7m Active Optical Cable	845420-B21
	HPE QSFP28 to 4x25Gb SFP28 15m Active Optical Cable	845424-B21
	HPE QSFP28 to SFP28 Adapter	845970-B21
6	OCA Only: Required Custom Choice (Min1/Max1)	
	Switch/Router/Power Supply to PDU Power Cord - B2B in North America, Mexico, Taiwan, and Japan or B2C ROW. (OCA Default B2B or B2C for Rack Level CTO)	
	Switch/Router/Power Supply to Wall Power Cord - Localized Option (OCA Default for BTO)	
	High Volt Switch/Router/Power Supply to Wall Power Cord - B2E Option. (Offered only in North America, Mexico, Taiwan, and Japan)	
	No Power Cord - AC3 Option	
7	If the CTO Switch Chassis needs to be racked, Then the CTO Base Model needs to integrate (with #0D1) to the HPE Network Rack.	
8	If qty1 of the following QSA28 Adapter(845970-B21) is selected, then increase max SFP28 Port qty by 1 and allow user selection of the following SFP Transceivers. Refer to qty and port restrictions for individual Switch in the "Additional Info" sections: (Use #0D1 for this XCVR Adapter since switch is factory racked)	
	Aruba 10G SFP+ LC SR 300m OM3 MMF Transceiver	J9150D
	Aruba 10G SFP+ LC LR 10km SMF Transceiver	J9151E
	Aruba 10G SFP+ LC ER 40km SMF Transceiver	J9153D
	Aruba 10G SFP+ LC SR 300m MMF TAA Transceiver	JL748A

Configuration Information

Aruba 10G SFP+ LC LR 10km SMF TAA Transceiver	JL749A
Aruba 25G SFP28 LC SR 100m MMF Transceiver	JL484A
Aruba 25G SFP28 LC eSR 400m MMF Transceiver	JL485A
Aruba 25G SFP28 LC LR 10km SMF Transceiver	JL486A

Notes: Locking Power Cord (J9955A) L6-20P is available through the OCA Accessories tab

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Transceivers

Rule #	Description	SKU
	SFP Transceivers	
	Aruba 1G SFP LC SX 500m OM2 MMF Transceiver	J4858D
	Aruba 1G SFP LC LX 10km SMF Transceiver	J4859D
	Aruba 1G SFP LC LH 70km SMF Transceiver	J4860D
	Aruba 1G SFP RJ45 T 100m Cat5e Transceiver	J8177D

Notes: − min 0 // max 32 of XCVRs (J8177D) can be installed into the following Switches: JL624A, JL625A, JL857A, JL858A

− J8177D Max of 32 in either the JL624A/JL625A/JL857A/JL858A and can be installed into ports 1-48 excluding 3rd row of ports.

	Aruba 1G SFP LC SX 500m MMF TAA Transceiver	JL745A
	Aruba 1G SFP LC LX 10km SMF TAA Transceiver	JL746A
	Aruba 1G SFP RJ45 T 100m Cat5e TAA Transceiver	JL747A
	SFP+ Transceivers	
	Aruba 10GBASE-T SFP+ RJ45 30m Cat6A Transceiver	JL563B

Notes: min 0 // max 12 XCVRs (JL563B) can be installed into the following Switches: JL624A, JL625A, JL857A, JL858A.

JL563B Max of 12 in either the JL624A/JL625A/JL857A/JL858A and only allowed in ports 1-17 excluding 3rd row of ports.

	Aruba 10G SFP+ LC SR 300m OM3 MMF Transceiver	J9150D
	Aruba 10G SFP+ LC LR 10km SMF Transceiver	J9151E
	Aruba 10G SFP+ LC ER 40km SMF Transceiver	J9153D
	Aruba 10G SFP+ LC SR 300m MMF TAA Transceiver	JL748A
	Aruba 10G SFP+ LC LR 10km SMF TAA Transceiver	JL749A
	Aruba 10G SFP+ to SFP+ 1m Direct Attach Copper Cable	J9281D
	Aruba 10G SFP+ to SFP+ 3m Direct Attach Copper Cable	J9283D
	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 3m Direct Attach Copper Cable	487655-B21
	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 5m Direct Attach Copper Cable	537963-B21
	SFP28 Transceivers	

Notes: − The 48 x SFP28 Ports function in port groups of 12 ports. Each port group must operate at the same speed(ie. Group 1 = qty12 of 1G or 10G or 25G transcievers).

o Group 1 = ports 1-12

o Group 2 = ports 13-24

o Group 3 = ports 25-36

o Group 4 = ports 37-48

Configuration Information

Description	SKU
Aruba 25G SFP28 LC SR 100m MMF Transceiver	JL484A
Aruba 25G SFP28 LC eSR 400m MMF Transceiver	JL485A
Aruba 25G SFP28 LC LR 10km SMF Transceiver	JL486A
Aruba 25G SFP28 to SFP28 0.65m Direct Attach Cable	JL487A
Aruba 25G SFP28 to SFP28 3m Direct Attach Copper Cable	JL488A
Aruba 25G SFP28 to SFP28 5m Direct Attach Copper Cable	JL489A
Aruba 25G SFP28 to SFP28 3m Active Optical Cable	R0M44A
Aruba 25G SFP28 to SFP28 7m Active Optical Cable	R0M45A
Aruba 25G SFP28 to SFP28 15m Active Optical Cable	R0Z21A
HPE 25Gb SFP28 to SFP28 3m Direct Attach Copper Cable	844477-B21
HPE 25Gb SFP28 to SFP28 5m Direct Attach Copper Cable	844480-B21

Rule #	Description	SKU

QSFP+ Transceivers

Description	SKU
Aruba 40G QSFP+ LC ER4 40km SMF Transceiver	Q9G82A
HPE X142 40G QSFP+ MPO SR4 Transceiver	JH231A
HPE X142 40G QSFP+ LC LR4 SM Transceiver	JH232A
HPE X142 40G QSFP+ MPO eSR4 300M Transceiver	JH233A
Aruba 40G QSFP+ LC Bidirectional 150m MMF 2-strand Transceiver	JL308A
HPE X242 40G QSFP+ to QSFP+ 1m Direct Attach Copper Cable	JH234A
HPE X242 40G QSFP+ to QSFP+ 3m Direct Attach Copper Cable	JH235A
HPE X242 40G QSFP+ to QSFP+ 5m Direct Attach Copper Cable	JH236A
Aruba 40G QSFP+ to QSFP+ 7m Active Optical Cable	R0Z22A
Aruba 40G QSFP+ to QSFP+ 15m Active Optical Cable	R0Z23A
Aruba 40G QSFP+ to QSFP+ 30m Active Optical Cable	R0Z24A
HPE BladeSystem c-Class 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable	721064-B21

QSFP28 Transceivers

Description	SKU
Aruba 100G QSFP28 LC ER4L 40km SMF Transceiver	JL743A

Notes: Min 0 // max 4 XCVRs (JL743A) can be installed into the following Switches:

JL624A, JL625A, JL626A, JL627A, JL857A, JL858A, JL859A, JL860A.

JL743A Max of 4 in either the JL624A/JL625A/JL857A/JL858A and only allowed in ports 49, 51, 53, 55.

JL743A Max of 4 in either the JL626A/JL627A/JL859A/JL860A and only allowed in ports 29-32.

Description	SKU
Aruba 100G QSFP28 MPO SR4 100m 12-fiber MPO OM3 MMF Transceiver	JL309A
Aruba 100G QSFP28 LC LR4 10km SMF 2-strand Transceiver	JL310A
Aruba 100G QSFP28 LC CWDM4 2km SMF Transceiver	R0Z30A
HPE 100Gb QSFP28 Bidirectional Transceiver	845972-B21
Aruba 100G QSFP28 to QSFP28 1m Direct Attach Copper Cable	R0Z25A
Aruba 100G QSFP28 to QSFP28 3m Direct Attach Copper Cable	JL307A
Aruba 100G QSFP28 to QSFP28 5m Direct Attach Copper Cable	R0Z26A
HPE 100Gb QSFP28 to 4x25Gb SFP28 3m Direct Attach Copper Cable	845416-B21
Aruba 100G QSFP28 to QSFP28 2m Active Optical Cable	JL856A
Aruba 100G QSFP28 to QSFP28 7m Active Optical Cable	R0Z27A
Aruba 100G QSFP28 to QSFP28 15m Active Optical Cable	R0Z28A

Configuration Information

Aruba 100G QSFP28 to QSFP28 30m Active Optical Cable	R0Z29A
HPE QSFP28 to 4x25Gb SFP28 7m Active Optical Cable	845420-B21
HPE QSFP28 to 4x25Gb SFP28 15m Active Optical Cable	845424-B21

QSA28 Adapter

HPE QSFP28 to SFP28 Adapter	845970-B21

Notes: If selecting the 845970-B21 - QSFP28 to SFP28 Adapter, then see Aruba Tranceiver Guide for details.

Switch Options

Rack Mount Kits

For 8325 System (std 0 // max 1) User Selection (min 1 // max 1) per enclosure

Aruba X472 2-post Rack Kit	JL482B
Aruba X474 4-post Rack Kit	JL483B

Notes: If the switch will be factory racked into an HPE Universal Rack, then (Min 1) of the 4 Post Rack Mount kit is required.

Software

Remarks	Description	SKU
	Fabric Composer	
	Aruba Fabric Composer Device Management Service Tier 4 Switch 1 year Subscription E-STU	R7G99AAE
	Aruba Fabric Composer Device Management Service Tier 4 Switch 3 year Subscription E-STU	R7H00AAE
	Aruba Fabric Composer Device Management Service Tier 4 Switch 5 year Subscription E-STU	R7H01AAE
	Aruba Fabric Composer Device Management Service Tier 4 Switch 7 year Subscription E-STU	R7H02AAE
	Aruba Fabric Composer Device Management Service Tier 4 Switch 10 year Subscription E-STU	R7H03AAE
	Central	
	Aruba Central Switch Chassis Foundation Sub 1yr E-STU	R3K03AAE
	Aruba Central Switch Chassis Foundation Sub 3yr E-STU	R3K04AAE
	Aruba Central Switch Chassis Foundation Sub 5yr E-STU	R3K05AAE
	Aruba Central Switch Chassis Foundation Sub 7yr E-STU	R3K06AAE
	Aruba Central Switch Chassis Foundation Sub 10yr E-STU	R3K07AAE
	Aruba Central 8xxx Switch Foundation 1 year Subscription Cloud only TAC E-STU	R8L90AAE
	Aruba Central 8xxx Switch Foundation 3 year Subscription Cloud only TAC E-STU	R8L91AAE
	Aruba Central 8xxx Switch Foundation 5 year Subscription Cloud only TAC E-STU	R8L92AAE
	Aruba Central 8xxx Switch Foundation 7 year Subscription Cloud only TAC E-STU	R8L93AAE
	Aruba Central 8xxx Switch Foundation 10 year Subscription Cloud only TAC E-STU	R8L94AAE

Notes: Add the Central Cloud Skus to the Aruba Catalog as Standalone:
Aruba > Network Management > Central > Cloud Services

Aruba Central On-Premises Switch 84xx/83xx/64xx/54xx Foundation 1 year Subscription E-STU	R6U88AAE

Configuration Information

Aruba Central On-Premises Switch 84xx/83xx/64xx/54xx Foundation 3 year Subscription E-STU	R6U89AAE
Aruba Central On-Premises Switch 84xx/83xx/64xx/54xx Foundation 5 year Subscription E-STU	R6U90AAE
Aruba Central On-Premises Switch 84xx/83xx/64xx/54xx Foundation 7 year Subscription E-STU	R6U91AAE
Aruba Central On-Premises Switch 84xx/83xx/64xx/54xx Foundation 10 year Subscription E-STU	R6U92AAE
Aruba Central On-Premises 8xxx Switch Foundation 1 year Subscription COP only TAC E-STU	R8M20AAE
Aruba Central On-Premises 8xxx Switch Foundation 3 year Subscription COP only TAC E-STU	R8M21AAE
Aruba Central On-Premises 8xxx Switch Foundation 5 year Subscription COP only TAC E-STU	R8M22AAE
Aruba Central On-Premises 8xxx Switch Foundation 7 year Subscription COP only TAC E-STU	R8M23AAE
Aruba Central On-Premises 8xxx Switch Foundation 10 year Subscription COP only TAC E-STU	R8M24AAE

Notes: Add the Central On-Prem Skus to the Aruba Catalog as Standalone:
Aruba > Network Management > Central > On-Prem Services

Accessories

Rule #	Description	SKU
	Spare Items	
	System (std 0 // max 99) User Selection (min 0 // max 99) per enclosure	
	Aruba 8325-48Y8C 48-port 25G SFP/SFP+/SFP28 and 8-port 100G QSFP+/QSFP28 Switch	JL635A

- This is a Spare only
- Must be used with 2 Power Units (JL632A, JL633A, JL861A, JL862A)
- Must be used with 6 Fan Tray (JL628A, JL629A)
- 2 Post Rack Kit included, must use 4 Post Rack Mount Kit(J9583B) with HPE Racks
- 1U - Height

	Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Switch	JL636A

- This is a Spare only
- Must be used with 2 Power Units (JL632A, JL633A, JL861A, JL862A)
- Must be used with 6 Fan Tray (JL630A, JL631A)
- 2 Post Rack Kit included, must use 4 Post Rack Mount Kit(J9583B) with HPE Racks
- 1U - Height

System (std 0 // max 99) User Selection (min 0 // max 99) per enclosure

1	Aruba 8325 650W 100-240VAC Front-to-Back Power Supply	JL632A

- includes 1 x c13, 650w

PDU Cable NA/MEX/TW/JP	JL632A #B2B

- C13 PDU Jumper Cord (NA/MEX/TW/JP)

PDU Cable ROW	JL632A #B2C

- C13 PDU Jumper Cord (ROW)

Configuration Information

	High Volt Switch/Router to Wall Power Cord	JL632A #B2E
	• HPE 2.3M C13 to NEMA L6-20P Power Cord(J9936A)	
	No Power Cord	JL632A #AC3
	• No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)	
1	Aruba 8325 650W 100-240VAC Back-to-Front Power Supply	JL633A
	• includes 1 x c13, 650w	
	PDU Cable NA/MEX/TW/JP	JL633A #B2B
	• C13 PDU Jumper Cord (NA/MEX/TW/JP)	
	PDU Cable ROW	JL633A #B2C
	• C13 PDU Jumper Cord (ROW)	
	High Volt Switch/Router to Wall Power Cord	JL633A #B2E
	• HPE 2.3M C13 to NEMA L6-20P Power Cord(J9936A)	
	No Power Cord	JL633A #AC3
	• No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)	
	Aruba 8325 850W 48VDC Front-to-Back Power Supply	JL861A
	• includes 1 x c13, 850w	
	Aruba 8325 850W 48VDC Back-to-Front Power Supply	JL862A
	• includes 1 x c13, 850w	
	Aruba 8325-48Y8C Front-to-Back Fan	JL628A
	Aruba 8325-48Y8C Back-to-Front Fan	JL629A
	Aruba 8325-32C Front-to-Back Fan	JL630A
	Aruba 8325-32C Back-to-Front Fan	JL631A
	Aruba X472 2-post Rack Kit	JL482B
	Aruba X474 4-post Rack Kit	JL483B
	Aruba X2C2 RJ45 to DB9 Console Cable	JL448A

Configuration Rules

1   Localization required on orders without #B2B, #B2C, #B2E or #AC3 options.

Notes: Drop down under power supply should offer the following options and results:

Switch/Router to PDU Power Cord - #B2B in NA, Mexico, Taiwan, and Japan or #B2C ROW. (Watson Default B2B or B2C for Rack Level CTO)

Switch/Router/Power Supply to Wall Power Cord - Localized Option (Watson Default for BTO and Box Level CTO)

High Volt Switch/Router/Power Supply to Wall Power Cord - #B2E Option. (Offered only in North America, Mexico, Taiwan, and Japan)

No Localized Power Cord Selected - #AC3 Option

Locking Power Cord (J9955A) L6-20P is available in the Accessories tab

Configuration Information

2 Power Supply is included with the Switch Bundle

Technical Specifications

Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Front-to-Back 6 Fans and 2 PSU Bundle (JL624A)		
I/O ports and slots	Supports 48 ports of 1G/10G/25GbE (SFP/SFP+/SFP28) and 8 ports of 40G/100GbE (QSFP+/QSFP28) SFP+ ports (with an optional 10GBASE-T transceiver)	
Power supplies	Field-replaceable, hot-swappable, and up to 2 power supplies. Bundles (JL624A, JL625A, JL626A, and JL627A) include 2 power supplies.	
Fans	Field-replaceable, hot-swappable, and up to 6 fans. Bundles (JL624A, JL625A, JL626A, and JL627A) include 6 fans.	
Physical characteristics	**Dimensions**	(H) 4.3 cm x (W) 43.8 cm x (D) 53.6 cm (1.69" x 17.26" x 21.1")
	Weight	10 kg (22.05 lb)
Memory and processor	**CPU**	2.2GHz
	Memory, drive and Flash	16GB RAM, 64GB SSD, 8GB Flash Packet buffer: 32MB
Performance	**Switching capacity**	6.4Tbs
	IPv4 Host Table	120,000
	IPv6 Host Table	52,000
	IPv4 Unicast Routes	131,072
	IPv6 Unicast Routes	32,732
	MAC address table size	98,304
	IGMP Groups	4,094
	MLD Groups	4,094
	IPv4 Multicast Routes	7,000
	IPv6 Multicast Routes	7,000
Environment	**Operating temperature**	0°C to 40°C (32°F to 104°F) up to 3.0 km (10,000 ft.)
	Operating relative humidity	5% to 95% at 40°C (104°F) non-condensing
	Non-operating temperature	-40°C to 70°C (-40°F to 158°F) up to 4.6 km (15,000 ft.)
	Non-operating/storage relative humidity	5% to 95% @ 65°C (149°F)
	Max operating altitude	Up to 10,000ft (3.048 km)
	Max non-operating altitude	Up to 15,000ft (4.6km)
	Primary airflow	Front-to-Back or Back-to-Front
Electrical characteristics	**Frequency**	50/60 Hz
	AC voltage	100-240 volts
	Current	6.2A (low voltage) - 3.1A (high voltage)
	Power consumption	Max: 586W
8325 DC power bundle option	**Electric characteristics**	JL857A 8325-48Y8C Front-to-Back DC Switch Bundle
	DC Input (nominal)	-48V
	DC input (max range)	-36V to -72V
	Maximum current	14.3A
	Power Consumption	501W
Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 IEC 60950-1:2005 Ed.2; Am 1:2009+A2:2013 UL 60950-1, CSA 22.2 No 60950-1 EN 60825-1:2007/IEC 60825-1:2007 Class 1	

Technical Specifications

EMC	EN 55032:2012, Class A EN 55024:2010 EN 61000-3-2:2014, Class A EN 61000-3-3:2013 FCC CFR 47 Part 15:2010, Class A VCCI Class A CNS 13438
Lasers	EN60825-1:2014/IEC 60825-1: 2014 Class 1 Class 1 Laser Products/Laser Klasse 1
Management	SNMP RJ-45 serial USB micro USB console RJ-45 Ethernet port
Mounting and enclosure	Mounts in an EIA standard 19-inch rack or other equipment cabinet (2-post or 4-post kit ordered separately); horizontal surface mounting only

Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Back-to-Front 6 Fans and 2 PSU Bundle (JL625A)

I/O ports and slots	Supports 48 ports of 1G/10G/25GbE (SFP/SFP+/SFP28) and 8 ports of 40G/100GbE (QSFP+/QSFP28) SFP+ ports (with an optional 10GBASE-T transceiver)	
Power supplies	Field-replaceable, hot-swappable, and up to 2 power supplies. Bundles (JL624A, JL625A, JL626A, and JL627A) include 2 power supplies.	
Fans	Field-replaceable, hot-swappable, and up to 6 fans. Bundles (JL624A, JL625A, JL626A, and JL627A) include 6 fans.	
Physical characteristics	**Dimensions**	(H) 4.3 cm x (W) 43.8 cm x (D) 53.6 cm (1.71" x 17.26" x 21.1")
	Weight	10 kg (22.05 lb)
Memory and processor	**CPU**	2.2GHz
	Memory, drive and Flash	16GB RAM, 64GB SSD, 8GB Flash Packet buffer: 32MB
Performance	**Switching capacity**	6.4Tbs
	IPv4 Host Table	120,000
	IPv6 Host Table	52,000
	IPv4 Unicast Routes	131,072
	IPv6 Unicast Routes	32,732
	MAC address table size	98,304
	IGMP Groups	4,094
	MLD Groups	4,094
	IPv4 Multicast Routes	7,000
	IPv6 Multicast Routes	7,000
Environment	**Operating temperature**	0°C to 40°C (32°F to 104°F) up to 3.0 km (10,000 ft.)
	Operating relative humidity	5% to 95% at 40°C (104°F) non-condensing
	Non-operating temperature	-40°C to 70°C (-40°F to 158°F) up to 4.6 km (15,000 ft.)
	Non-operating/storage relative humidity	5% to 95% @ 65°C (149°F)
	Max operating altitude	Up to 10,000ft (3.048 km)
	Max non-operating altitude	Up to 15,000ft (4.6km)
	Primary airflow	Front-to-Back or Back-to-Front

Technical Specifications

Electrical characteristics	Frequency	50/60 Hz
	AC voltage	100-240 volts
	Current	6.2A (low voltage) - 3.1A (high voltage)
	Power consumption	Max: 586W
8325 DC power bundle option	Electric characteristics	JL858A 8325-48Y8C Back-to-Front DC Switch Bundle
	DC Input (nominal)	-48V
	DC input (max range)	-36V to -72V
	Maximum current	15.3A
	Power Consumption	520W
Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 IEC 60950-1:2005 Ed.2; Am 1:2009+A2:2013 UL 60950-1, CSA 22.2 No 60950-1 EN 60825-1:2007/IEC 60825-1:2007 Class 1	
EMC	EN 55032:2012, Class A EN 55024:2010 EN 61000-3-2:2014, Class A EN 61000-3-3:2013 FCC CFR 47 Part 15:2010, Class A VCCI Class A CNS 13438	
Lasers	EN60825-1:2014/IEC 60825-1: 2014 Class 1 Class 1 Laser Products/Laser Klasse 1	
Management	SNMP RJ-45 serial USB micro USB console RJ-45 Ethernet port	
Mounting and enclosure	Mounts in an EIA standard 19-inch rack or other equipment cabinet (2-post or 4-post kit ordered separately); horizontal surface mounting only	

Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans and 2 Power Supply Bundle (JL626A)

I/O ports and slots	Supports 32 ports of 40G/100GbE (QSFP+/QSFP28)	
Power supplies	Field-replaceable, hot-swappable, and up to 2 power supplies. Bundles (JL624A, JL625A, JL626A, and JL627A) include 2 power supplies.	
Fans	Field-replaceable, hot-swappable, and up to 6 fans. Bundles (JL624A, JL625A, JL626A, and JL627A) include 6 fans.	
Physical characteristics	Dimensions	(H) 4.4 cm x (W) 44.3 cm x (D) 47.3 cm (1.69" x 17.26" x 20.28")
	Weight	10.9 kg (24.0 lb)
Memory and processor	CPU	2.2GHz
	Memory, drive and Flash	16GB RAM, 64GB SSD, 8GB Flash Packet buffer: 32MB
Performance	Switching capacity	6.4Tbs
	IPv4 Host Table	120,000
	IPv6 Host Table	52,000
	IPv4 Unicast Routes	131,072
	IPv6 Unicast Routes	32,732
	MAC address table size	98,304
	IGMP Groups	4,094
	MLD Groups	4,094
	IPv4 Multicast Routes	7,000
	IPv6 Multicast Routes	7,000

Technical Specifications

Environment	Operating temperature	0°C to 40°C (32°F to 104°F) up to 3.0 km (10,000 ft.)
	Operating relative humidity	5% to 95% at 40°C (104°F) non-condensing
	Non-operating temperature	-40°C to 70°C (-40°F to 158°F) up to 4.6 km (15,000 ft.)
	Non-operating/storage relative humidity	5% to 95% @ 65°C (149°F)
	Max operating altitude	Up to 10,000ft (3.048 km)
	Max non-operating altitude	Up to 15,000ft (4.6km)
	Primary airflow	Front-to-Back or Back-to-Front
Electrical characteristics	Frequency	50/60 Hz
	AC voltage	100-240 volts
	Current	6.2A (low voltage) - 3.1A (high voltage)
	Power consumption	Max: 618W

8325 DC power bundle option	Electric characteristics	JL859A 8325-32C Front-to-Back DC Switch Bundle
	DC Input (nominal)	-48V
	DC input (max range)	-36V to -72V
	Maximum current	15.1A
	Power Consumption	528W
Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 IEC 60950-1:2005 Ed.2; Am 1:2009+A2:2013 UL 60950-1, CSA 22.2 No 60950-1 EN 60825-1:2007/IEC 60825-1:2007 Class 1	
EMC	EN 55032:2012, Class A EN 55024:2010 EN 61000-3-2:2014, Class A EN 61000-3-3:2013 FCC CFR 47 Part 15:2010, Class A VCCI Class A CNS 13438	
Lasers	EN60825-1:2014/IEC 60825-1: 2014 Class 1 Class 1 Laser Products/Laser Klasse 1	
Management	SNMP RJ-45 serial USB micro USB console RJ-45 Ethernet port	
Mounting and enclosure	Mounts in an EIA standard 19-inch rack or other equipment cabinet (2-post or 4-post kit ordered separately); horizontal surface mounting only	

Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans and 2 Power Supply Bundle (JL627A)		
I/O ports and slots	Supports 32 ports of 40G/100GbE (QSFP+/QSFP28)	
Power supplies	Field-replaceable, hot-swappable, and up to 2 power supplies. Bundles (JL624A, JL625A, JL626A, and JL627A) include 2 power supplies.	
Fans	Field-replaceable, hot-swappable, and up to 6 fans. Bundles (JL624A, JL625A, JL626A, and JL627A) include 6 fans.	
Physical characteristics	Dimensions	(H) 4.4 cm x (W) 44.3 cm x (D) 47.3 cm (1.69" x 17.26" x 20.28")
	Weight	10.9 kg (24.0 lb)
Memory and processor	CPU	2.2GHz
	Memory, drive and Flash	16GB RAM, 64GB SSD, 8GB Flash Packet buffer 32MB

Technical Specifications

Performance	Switching capacity	6.4Tbs
	IPv4 Host Table	120,000
	IPv6 Host Table	52,000
	IPv4 Unicast Routes	131,072
	IPv6 Unicast Routes	32,732
	MAC address table size	98,304
	IGMP Groups	4,094
	MLD Groups	4,094
	IPv4 Multicast Routes	7,000
	IPv6 Multicast Routes	7,000
Environment	Operating temperature	0°C to 40°C (32°F to 104°F) up to 3.0 km (10,000 ft.)
	Operating relative humidity	5% to 95% at 40°C (104°F) non-condensing
	Non-operating temperature	-40°C to 70°C (-40°F to 158°F) up to 4.6 km (15,000 ft.)
	Non-operating/storage relative humidity	5% to 95% @ 65°C (149°F)
	Max operating altitude	Up to 10,000ft (3.048 km)
	Max non-operating altitude	Up to 15,000ft (4.6km)
	Primary airflow	Front-to-Back or Back-to-Front
Electrical characteristics	Frequency	50/60 Hz
	AC voltage	100-240 volts
	Current	6.2A (low voltage) - 3.1A (high voltage)
	Power consumption	Max: 618W
8325 DC power bundle option	Electric characteristics	JL860A 8325-32C Back-to-Front DC Switch Bundle
	DC Input (nominal)	-48V
	DC input (max range)	-36V to -72V
	Maximum current	16.4A
	Power Consumption	558W
Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 IEC 60950-1:2005 Ed.2; Am 1:2009+A2:2013 UL 60950-1, CSA 22.2 No 60950-1 EN 60825-1:2007/IEC 60825-1:2007 Class 1	
EMC	EN 55032:2012, Class A EN 55024:2010 EN 61000-3-2:2014, Class A EN 61000-3-3:2013 FCC CFR 47 Part 15:2010, Class A VCCI Class A CNS 13438	
Lasers	EN60825-1:2014/IEC 60825-1: 2014 Class 1 Class 1 Laser Products/Laser Klasse 1	
Management	SNMP RJ-45 serial USB micro USB console RJ-45 Ethernet port	
Mounting and enclosure	Mounts in an EIA standard 19-inch rack or other equipment cabinet (2-post or 4-post kit ordered separately); horizontal surface mounting only	

Standards and protocols
Applies to all products in series

- IEEE 802.1AB-2009

Technical Specifications

- IEEE 802.1ak-2007
- IEEE 802.1t-2001
- IEEE 802.1AX-2008 Link Aggregation
- IEEE 802.1p Priority
- IEEE 802.1Q VLANs
- IEEE 802.1s Multiple Spanning Trees
- IEEE 802.1w Rapid Reconfiguration of Spanning Tree
- IEEE 802.3ad Link Aggregation Control Protocol (LACP)
- IEEE 802.3ae 10-Gigabit Ethernet
- IEEE 802.3by 25 Gigabit Ethernet
- IEEE 802.3ba 40 and 100 Gigabit Ethernet Architecture
- IEEE 802.3x Flow Control
- IEEE 802.3z 1000BASE-X
- RFC 768 UDP
- RFC 791 IP
- RFC 792 ICMP
- RFC 793 TCP
- RFC 826 ARP
- RFC 768 User Datagram Protocol
- RFC 813 Window and Acknowledgement Strategy in TCP
- RFC 815 IP datagram reassembly algorithms
- RFC 879 TCP maximum segment size and related topics
- RFC 896 Congestion control in IP/TCP internetworks
- RFC 917 Internet subnets
- RFC 919 Broadcasting Internet Datagrams
- RFC 922 Broadcasting Internet Datagrams in the Presence of Subnets (IP_BROAD)
- RFC 925 Multi-LAN address resolution
- RFC 1215 Convention for defining traps for use with the SNMP
- RFC 1256 ICMP Router Discovery Messages
- RFC 1393 Traceroute Using an IP Option
- RFC 1591 Domain Name System Structure and Delegation
- RFC 1657 Definitions of Managed Objects for BGP-4 using SMIv2
- RFC 1772 Application of the Border Gateway Protocol in the Internet
- RFC 1981 Path MTU Discovery for IP version 6
- RFC 1997 BGP Communities Attribute
- RFC 1998 An Application of the BGP Community Attribute in Multi-home Routing
- RFC 2385 Protection of BGP Sessions via the TCP MD5 Signature Option
- RFC 2401 Security Architecture for the Internet Protocol
- RFC 2402 IP Authentication Header
- RFC 2406 IP Encapsulating Security Payload (ESP)
- RFC 2460 Internet Protocol, Version 6 (IPv6) Specification
- RFC 2545 Use of BGP-4 Multiprotocol Extensions for IPv6 Inter-Domain Routing
- RFC 2710 Multicast Listener Discovery (MLD) for IPv6
- RFC 2787 Definitions of Managed Objects for the Virtual Router Redundancy Protocol
- RFC 2918 Route Refresh Capability for BGP-4
- RFC 2934 Protocol Independent Multicast MIB for IPv4
- RFC 3137 OSPF Stub Router Advertisement
- RFC 3176 InMon Corporation's sFlow: A Method for Monitoring Traffic in Switched and Routed Networks
- RFC 3484: Default Address Selection for Internet Protocol version 6 (IPv6)
- RFC 3509 Alternative Implementations of OSPF Area Border Routers
- RFC 3623 Graceful OSPF Restart
- RFC 3810 Multicast Listener Discovery Version 2 (MLDv2) for IPv6

Technical Specifications

- RFC 4213 Basic Transition Mechanisms for IPv6 Hosts and Routers
- RFC 4251 The Secure Shell (SSH) Protocol
- RFC 4271 A Border Gateway Protocol 4 (BGP-4)
- RFC 4273 Definitions of Managed Objects for BGP-4
- RFC 4291 IP Version 6 Addressing Architecture
- RFC 4292 IP Forwarding Table MIB
- RFC 4293 Management Information Base for the Internet Protocol (IP)
- RFC 4360 BGP Extended Communities Attribute
- RFC 4486 Subcodes for BGP Cease Notification Message
- RFC 4552 Authentication/Confidentiality for OSPFv3
- RFC 4724 Graceful Restart Mechanism for BGP
- RFC 4940 IANA Considerations for OSPF
- RFC 5095: Deprecation of Type 0 Routing Headers in IPv6
- RFC 5187 OSPFv3 Graceful Restart
- RFC 6987 OSPF Stub Router Advertisement
- RFC 7047 The Open vSwitch Database Management Protocol
- RFC 4251 The Secure Shell (SSH) Protocol
- RFC 4271 A Border Gateway Protocol 4 (BGP-4)
- RFC 4291 IP Version 6 Addressing Architecture
- RFC 4292 IP Forwarding Table MIB
- RFC 4293 Management Information Base for the Internet Protocol (IP)
- RFC 4760 Multiprotocol Extensions for BGP-4
- RFC 4940 IANA Considerations for OSPF
- RFC 5187 OSPFv3 Graceful Restart
- RFC 5701 IPv6 Address Specific BGP Extended Community Attribute
- RFC 6987 OSPF Stub Router Advertisement
- RFC 7047 The Open vSwitch Database Management Protocol
- RFC 7059 A Comparison of IPv6-over-IPv4 Tunnel Mechanisms
- RFC 7313 Enhanced Route Refresh Capability for BGP-4
- RFC 8201 Path MTU Discovery for IP version 6

Aruba Data Center Networking Solution for HPE

New Aruba Data Center Networking Solution SKUs for HPE

Hewlett Packard Enterprise and Aruba offer customers highly differentiated pre-engineered IT infrastructure solutions that span a wide variety HPE compute, storage, networking that span virtualization, vSAN, HCI, HPC, MCS, Microsoft, SAP HANA, Vmware, Nutanix application and IaaS service offerings. Aruba 10/25 and 40/100G CX switches can be deployed as part of these solutions and is often designed into these integrated solutions along with HPE ProLiant DL/DX servers, SimpliVity, Nimble, Synergy, Cray Shasta, Cray ClusterStor, Superdome Flex and HPE GreenLake. 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.

To ensure that these Hewlett Packard Enterprise and Aruba integrated solutions receive simplified ordering and the highest-level of customer service and support, Aruba has created a special tracking Aruba Data Center networking SKUs for HPE deployments that identifies these integrated solutions to ensure they receive rapid support triage and streamlines escalation through HPE Pointnext. Please use these new tracking SKUs when Aruba CX switches are included in HPE integrated and mixed compute, storage and networking configuration and deployments.

Notes: Current Aruba "J#" SKUs should still be used for all data center network centric (Aruba "only", Non HPE environments). Please contact your sales representative for additional information and ordering guidance.

Aruba 8325 DC Switch Series
BTO Models

Rule #	Description	SKU
1, 2, 3, 4, 5, 6, 7	Aruba 8325-48Y8C Port to Power Airflow 6 Fans 2 Power Supply Units Bundle for HPE	R9F64A
	• Includes 2 FB Power Supplies (R9F72A) with no additional open PS slots • Includes 6 FB Fan Tray Bundles (R9F68A) with no additional open FT Slots • Must select a Rack Kit • Min=0 \ Max= 48 SFP/SFP+/SFP28 1/10/25G Transceivers • Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers • QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule7) • 1U - Height	
	Aruba 8325-48Y8C Port to Power Airflow 6 Fans 2 Power Supply Units Bundle for HPE PDU	R9F64A#B2E
	• C13 PDU Jumper Cord (NA/MEX/TW/JP) (J9943A C15 equivalent)	
	Aruba 8325-48Y8C Port to Power Airflow 6 Fans 2 Power Supply Units Bundle for HPE PDU	R9F64A#B2C
	• C13 PDU Jumper Cord (ROW) (J9944A C15 equivalent)	
	Aruba 8325-48Y8C Port to Power Airflow 6 Fans 2 Power Supply Units Bundle for HPE 220v	R9F64A#B2E
	• HPE 2.3m C13 to NEMA 6-15P Pwr Cord(J9936A)	
	Aruba 8325-48Y8C Port to Power Airflow 6 Fans 2 Power Supply Units Bundle for HPE No Loc	R9F64A#AC3
	• No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)	
1, 2, 3, 4, 5, 6, 7	Aruba 8325-48Y8C Power to Port Airflow 6 Fans 2 Power Supply Units Bundle for HPE	R9F65A
	• Includes 2 BF Power Supplies (R9F73A) with no additional open PS slots • Includes 6 BF Fan Tray Bundles (R9F69A) with no additional open FT Slots • Must select a Rack Kit • Min=0 \ Max= 48 SFP/SFP+/SFP28 1/10/25G Transceivers	

Aruba Data Center Networking Solution for HPE

- Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule7)
- 1U - Height

Aruba 8325-48Y8C Power to Port Airflow 6 Fans 2 Power Supply Units Bundle for HPE PDU	R9F65A#B2E
• C13 PDU Jumper Cord (NA/MEX/TW/JP) (J9943A C15 equivalent)	
Aruba 8325-48Y8C Power to Port Airflow 6 Fans 2 Power Supply Units Bundle for HPE PDU	R9F65A#B2C
• C13 PDU Jumper Cord (ROW) (J9944A C15 equivalent)	
Aruba 8325-48Y8C Power to Port Airflow 6 Fans 2 Power Supply Units Bundle for HPE 220v	R9F65A#B2E
• HPE 2.3m C13 to NEMA 6-15P Pwr Cord(J9936A)	
Aruba 8325-48Y8C Power to Port Airflow 6 Fans 2 Power Supply Units Bundle for HPE No Loc	R9F65A#AC3
• No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)	

4, 5, 6, 7   Aruba 8325-32C Port to Power Airflow 6 Fans 2 Power Supply Units Bundle for HPE   R9F66A
- Includes 2 FB Power Supplies (R9F72A) with no additional open PS slots
- Includes 6 FB Fan Tray Bundles (R9F70A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule7)
- 1U - Height

Aruba 8325-32C Port to Power Airflow 6 Fans 2 Power Supply Units Bundle for HPE PDU	R9F66A#B2E
• C13 PDU Jumper Cord (NA/MEX/TW/JP) (J9943A C15 equivalent)	
Aruba 8325-32C Port to Power Airflow 6 Fans 2 Power Supply Units Bundle for HPE PDU	R9F66A#B2C
• C13 PDU Jumper Cord (ROW) (J9944A C15 equivalent)	
Aruba 8325-32C Port to Power Airflow 6 Fans 2 Power Supply Units Bundle for HPE 220v	R9F66A#B2E
• HPE 2.3m C13 to NEMA 6-15P Pwr Cord(J9936A)	
Aruba 8325-32C Port to Power Airflow 6 Fans 2 Power Supply Units Bundle for HPE No Loc	R9F66A#AC3
• No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)	

4, 5, 6, 7   Aruba 8325-32C Power to Port Airflow 6 Fans 2 Power Supply Units Bundle for HPE   R9F67A
- Includes 2 BF Power Supplies (R9F73A) with no additional open PS slots
- Includes 6 BF Fan Tray Bundles (R9F71A) with no additional open FT Slots
- Must select a Rack Kit
- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule7)
- 1U - Height

Aruba 8325-32C Power to Port Airflow 6 Fans 2 Power Supply Units Bundle for HPE PDU	R9F67A#B2E
• C13 PDU Jumper Cord (NA/MEX/TW/JP) (J9943A C15 equivalent)	
Aruba 8325-32C Power to Port Airflow 6 Fans 2 Power Supply Units Bundle for HPE PDU	R9F67A#B2C
• C13 PDU Jumper Cord (ROW) (J9944A C15 equivalent)	
Aruba 8325-32C Power to Port Airflow 6 Fans 2 Power Supply Units Bundle for HPE 220v	R9F67A#B2E
• HPE 2.3m C13 to NEMA 6-15P Pwr Cord(J9936A)	
Aruba 8325-32C Power to Port Airflow 6 Fans 2 Power Supply Units Bundle for HPE No Loc	R9F67A#AC3

Aruba Data Center Networking Solution for HPE

- No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)

Configuration Rules

Rule #	Description	
1	The following Transceivers install into this Switch: (Use BTO only when adding to switch)	
	Aruba 1G SFP LC SX 500m OM2 MMF Transceiver for HPE	R9F86A
	Aruba 1G SFP LC LX 10km SMF Transceiver	J4859D
	Aruba 1G SFP LC LH 70km SMF Transceiver	J4860D
	Aruba 1G SFP RJ45 T 100m Cat5e Transceiver for HPE	R9F87A
	Aruba 1G SFP LC SX 500m MMF TAA Transceiver for HPE	R9Q43A
	Aruba 1G SFP LC LX 10km SMF TAA Transceiver for HPE	R9Q44A
	Aruba 1G SFP RJ45 T 100m Cat5e TAA Transceiver for HPE	R9Q45A
2	The following Transceivers install into this Switch: (Use BTO only when adding to switch)	
	Aruba 10GBASE-T SFP+ RJ45 30m Cat6A Transceiver for HPE	R9F85A
	Aruba 10G SFP+ LC SR 300m OM3 MMF Transceiver for HPE	R9F82A
	Aruba 10G SFP+ LC LR 10km SMF Transceiver	J9151E
	Aruba 10G SFP+ LC ER 40km SMF Transceiver	J9153D
	Aruba 10G SFP+ LC SR 300m MMF TAA Transceiver for HPE	R9Q46A
	Aruba 10G SFP+ LC LR 10km SMF TAA Transceiver for HPE	R9Q47A
	Aruba 10G SFP+ to SFP+ 1m Direct Attach Copper Cable for HPE	R9F83A
	Aruba 10G SFP+ to SFP+ 3m Direct Attach Copper Cable for HPE	R9F84A
	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 3m Direct Attach Copper Cable	487655-B21
	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 5m Direct Attach Copper Cable	537963-B21
3	The following Transceivers install into this Switch: (Use BTO only when adding to switch)	
	Aruba 25G SFP28 LC SR 100m MMF Transceiver	JL484A
	Aruba 25G SFP28 LC SR 100m MMF Transceiver for HPE	R9F89A
	Aruba 25G SFP28 LC eSR 400m MMF Transceiver for HPE	R9F90A
	Aruba 25G SFP28 LC LR 10km SMF Transceiver	JL486A
	Aruba 25G SFP28 to SFP28 0.65m Direct Attach Copper Cable for HPE	R9F91A
	Aruba 25G SFP28 to SFP28 3m Direct Attach Copper Cable for HPE	R9F92A
	Aruba 25G SFP28 to SFP28 5m Direct Attach Copper Cable for HPE	R9F93A
	Aruba 25G SFP28 to SFP28 3m Active Optical Cable for HPE	R9F94A
	Aruba 25G SFP28 to SFP28 7m Active Optical Cable for HPE	R9F95A
	Aruba 25G SFP28 to SFP28 15m Active Optical Cable for HPE	R9F96A
	HPE 25Gb SFP28 to SFP28 3m Direct Attach Copper Cable	844477-B21
	HPE 25Gb SFP28 to SFP28 5m Direct Attach Copper Cable	844480-B21
4	The following Transceivers install into this Switch: (Use BTO only when adding to switch)	
	Aruba 40G QSFP+ LC ER4 40km SMF Transceiver	Q9G82A
	Aruba 40G QSFP+ MPO SR4 Transceiver for HPE	R9F97A
	HPE X142 40G QSFP+ LC LR4 SM Transceiver	JH232A
	Aruba 40G QSFP+ MPO eSR4 300M Transceiver for HPE	R9F98A
	Aruba 40G QSFP+ LC Bidirectional 150m MMF 2-strand Transceiver for HPE	R9G02A
	Aruba 40G QSFP+ to QSFP+ 1m Direct Attach Copper Cable for HPE	R9F99A
	Aruba 40G QSFP+ to QSFP+ 3m Direct Attach Copper Cable for HPE	R9G00A
	Aruba 40G QSFP+ to QSFP+ 5m Direct Attach Copper Cable for HPE	R9G01A
	Aruba 40G QSFP+ to QSFP+ 7m Active Optical Cable for HPE	R9G03A
	Aruba 40G QSFP+ to QSFP+ 15m Active Optical Cable for HPE	R9G04A
	Aruba 40G QSFP+ to QSFP+ 30m Active Optical Cable for HPE	R9G05A
	HPE BladeSystem c-Class 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable	721064-B21
5	The following Transceivers install into this Switch: (Use BTO only when adding to switch)	
	Aruba 100G QSFP28 LC ER4L 40km SMF Transceiver	JL743A
	Aruba 100G QSFP28 MPO SR4 MMF Transceiver for HPE	R9F75A
	Aruba 100G QSFP28 LC LR4 10km SMF 2-strand Transceiver	JL310A
	Aruba 100G QSFP28 LC CWDM4 2km SMF Transceiver	R0Z30A
	HPE 100Gb QSFP28 Bidirectional Transceiver	845972-B21

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Aruba 100G QSFP28-QSFP28 3m Direct Attach Copper Cable for HPE	R9F74A
Aruba 100G QSFP28 to QSFP28 1m Direct Attach Copper Cable for HPE	R9F77A
Aruba 100G QSFP28 to QSFP28 5m Direct Attach Copper Cable for HPE	R9F78A
HPE 100Gb QSFP28 to 4x25Gb SFP28 3m Direct Attach Copper Cable	845416-B21
Aruba 100G QSFP28 to QSFP28 2m Active Optical Cable for HPE	R9F76A
Aruba 100G QSFP28 to QSFP28 7m Active Optical Cable for HPE	R9F79A
Aruba 100G QSFP28 to QSFP28 15m Active Optical Cable for HPE	R9F80A
Aruba 100G QSFP28 to QSFP28 30m Active Optical Cable for HPE	R9F81A
HPE QSFP28 to 4x25Gb SFP28 7m Active Optical Cable	845420-B21
HPE QSFP28 to 4x25Gb SFP28 15m Active Optical Cable	845424-B21
HPE QSFP28 to SFP28 Adapter	845970-B21

6   Localization required on orders without B2B, B2C, B2E or AC3 options.

7   If qty1 of the following QSA28 Adapter(845970-B21) is selected, then increase max SFP28 Port qty by 1 and allow user selection of the following SFP Transceivers. Refer to qty and port restrictions for individual Switch in the "Additional Info" sections: (Use BTO only when adding this QSA28 Adapter)

Aruba 10G SFP+ LC SR 300m OM3 MMF Transceiver for HPE	R9F82A
Aruba 10G SFP+ LC LR 10km SMF Transceiver	J9151E
Aruba 10G SFP+ LC ER 40km SMF Transceiver	J9153D
Aruba 10G SFP+ LC SR 300m MMF TAA Transceiver for HPE	R9Q46A
Aruba 10G SFP+ LC LR 10km SMF TAA Transceiver for HPE	R9Q47A
Aruba 25G SFP28 LC SR 100m MMF Transceiver for HPE	R9F89A
Aruba 25G SFP28 LC eSR 400m MMF Transceiver for HPE	R9F90A

Notes: – Drop down under power supply should offer the following options and results:

> o Switch/Router/Power Supply to PDU Power Cord - B2B in North America, Mexico, Taiwan, and Japan or B2C ROW. (OCA Default B2B or B2C for Rack Level CTO)

> o Switch/Router/Power Supply to Wall Power Cord - Localized Option (OCA Default for BTO and Box Level CTO)

> o High Volt Switch/Router/Power Supply to Wall Power Cord - B2E Option. (Offered only in North America, Mexico, Taiwan, and Japan)

> o No Power Cord - AC3 Option

– Locking Power Cord (J9955A) L6-20P is available through the OCA Accessories tab

– OCA Only Model Selection Form - HPE Offering > Aruba > DC Solutions Switches for HPE > AOS-CX: Aruba 8325 DC Switch Series

Rack Level Integration CTO Models

Rule #	Description	SKU
1, 2, 3, 4, 5, 6, 7, 8	Aruba 8325-48Y8C Port to Power Airflow 6 Fans 2 Power Supply Units Bundle for HPE	R9F64A

- Includes 2 FB Power Supplies (R9F72A) with no additional open PS slots
- Includes 6 FB Fan Tray Bundles (R9F68A) with no additional open FT Slots
- Must select 4 Post Rack Kit (R9F59A)
- Min=0 \ Max= 48 SFP/SFP+/SFP28 1/10/25G Transceivers
- Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule8)
- 1U - Height

Aruba 8325-48Y8C Port to Power Airflow 6 Fans 2 Power Supply Units Bundle for HPE PDU	R9F64A#B2B

- C13 PDU Jumper Cord (NA/MEX/TW/JP) (J9943A C15 equivalent)

Aruba 8325-48Y8C Port to Power Airflow 6 Fans 2 Power Supply Units Bundle for HPE PDU	R9F64A#B2C

Aruba Data Center Networking Solution for HPE

- C13 PDU Jumper Cord (ROW) (J9944A C15 equivalent)

Aruba 8325-48Y8C Port to Power Airflow 6 Fans 2 Power Supply Units Bundle for HPE 220v — R9F64A#B2E

- HPE 2.3m C13 to NEMA 6-15P Pwr Cord(J9936A)

Aruba 8325-48Y8C Port to Power Airflow 6 Fans 2 Power Supply Units Bundle for HPE No Loc — R9F64A#AC3

- No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)

1, 2, 3, 4, 5, 6, 7, 8   Aruba 8325-48Y8C Power to Port Airflow 6 Fans 2 Power Supply Units Bundle for HPE — R9F65A

- Includes 2 BF Power Supplies (R9F73A) with no additional open PS slots
- Includes 6 BF Fan Tray Bundles (R9F69A) with no additional open FT Slots
- Must select 4 Post Rack Kit (R9F59A)
- Min=0 \ Max= 48 SFP/SFP+/SFP28 1/10/25G Transceivers
- Min=0 \ Max = 8 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=8, ports 49-56 (rule8)
- 1U - Height

Aruba 8325-48Y8C Power to Port Airflow 6 Fans 2 Power Supply Units Bundle for HPE PDU — R9F65A#B2E

- C13 PDU Jumper Cord (NA/MEX/TW/JP) (J9943A C15 equivalent)

Aruba 8325-48Y8C Power to Port Airflow 6 Fans 2 Power Supply Units Bundle for HPE PDU — R9F65A#B2C

C13 PDU Jumper Cord (ROW) (J9944A C15 equivalent)

Aruba 8325-48Y8C Power to Port Airflow 6 Fans 2 Power Supply Units Bundle for HPE 220v — R9F65A#B2E

- HPE 2.3m C13 to NEMA 6-15P Pwr Cord(J9936A)

Aruba 8325-48Y8C Power to Port Airflow 6 Fans 2 Power Supply Units Bundle for HPE No Loc — R9F65A#AC3

- No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)

4, 5, 6, 7, 8   Aruba 8325-32C Port to Power Airflow 6 Fans 2 Power Supply Units Bundle for HPE — R9F66A

- Includes 2 FB Power Supplies (R9F72A) with no additional open PS slots
- Includes 6 FB Fan Tray Bundles (R9F70A) with no additional open FT Slots
- Must select 4 Post Rack Kit (R9F59A)
- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Transceivers
- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule8)
- 1U - Height

Aruba 8325-32C Port to Power Airflow 6 Fans 2 Power Supply Units Bundle for HPE PDU — R9F66A#B2E

- C13 PDU Jumper Cord (NA/MEX/TW/JP) (J9943A C15 equivalent)

Aruba 8325-32C Port to Power Airflow 6 Fans 2 Power Supply Units Bundle for HPE PDU — R9F66A#B2C

- C13 PDU Jumper Cord (ROW) (J9944A C15 equivalent)

Aruba 8325-32C Port to Power Airflow 6 Fans 2 Power Supply Units Bundle for HPE 220v — R9F66A#B2E

- HPE 2.3m C13 to NEMA 6-15P Pwr Cord(J9936A)

Aruba 8325-32C Port to Power Airflow 6 Fans 2 Power Supply Units Bundle for HPE No Loc — R9F66A#AC3

- No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)

4, 5, 6, 7, 8   Aruba 8325-32C Power to Port Airflow 6 Fans 2 Power Supply Units Bundle for HPE — R9F67A

- Includes 2 BF Power Supplies (R9F73A) with no additional open PS slots
- Includes 6 BF Fan Tray Bundles (R9F71A) with no additional open FT Slots
- Must select 4 Post Rack Kit (R9F59A)
- Min=0 \ Max = 32 QSFP+/QSFP28 40/100G Transceivers

Aruba Data Center Networking Solution for HPE

- QSA28 Adapter Min=0 \ Max=32, ports 1-32 (rule8)
- 1U - Height

Aruba 8325-32C Power to Port Airflow 6 Fans 2 Power Supply Units Bundle for HPE PDU	R9F67A#B2E

- C13 PDU Jumper Cord (NA/MEX/TW/JP) (J9943A C15 equivalent)

Aruba 8325-32C Power to Port Airflow 6 Fans 2 Power Supply Units Bundle for HPE PDU	R9F67A#B2C

- C13 PDU Jumper Cord (ROW) (J9944A C15 equivalent)

Aruba 8325-32C Power to Port Airflow 6 Fans 2 Power Supply Units Bundle for HPE 220v	R9F67A#B2E

- HPE 2.3m C13 to NEMA 6-15P Pwr Cord(J9936A)

Aruba 8325-32C Power to Port Airflow 6 Fans 2 Power Supply Units Bundle for HPE No Loc	R9F67A#AC3

- No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)

Configuration Rules

Rule #	Description	
1	The following Transceivers install into this Switch: (Use 0D1 or B01 quoted to switch if switch is CTO) - if applicable:	
	Aruba 1G SFP LC SX 500m OM2 MMF Transceiver for HPE	R9F86A
	Aruba 1G SFP LC LX 10km SMF Transceiver	J4859D
	Aruba 1G SFP LC LH 70km SMF Transceiver	J4860D
	Aruba 1G SFP RJ45 T 100m Cat5e Transceiver for HPE	R9F87A
	Aruba 1G SFP LC SX 500m MMF TAA Transceiver for HPE	R9Q43A
	Aruba 1G SFP LC LX 10km SMF TAA Transceiver for HPE	R9Q44A
	Aruba 1G SFP RJ45 T 100m Cat5e TAA Transceiver for HPE	R9Q45A
2	The following Transceivers install into this Switch: (Use 0D1 quoted to switch if switch is CTO) - if applicable:	
	Aruba 10GBASE-T SFP+ RJ45 30m Cat6A Transceiver for HPE	R9F85A
	Aruba 10G SFP+ LC SR 300m OM3 MMF Transceiver for HPE	R9F82A
	Aruba 10G SFP+ LC LR 10km SMF Transceiver	J9151E
	Aruba 10G SFP+ LC ER 40km SMF Transceiver	J9153D
	Aruba 10G SFP+ LC SR 300m MMF TAA Transceiver for HPE	R9Q46A
	Aruba 10G SFP+ LC LR 10km SMF TAA Transceiver for HPE	R9Q47A
	Aruba 10G SFP+ to SFP+ 1m Direct Attach Copper Cable for HPE	R9F83A
	Aruba 10G SFP+ to SFP+ 3m Direct Attach Copper Cable for HPE	R9F84A
	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 3m Direct Attach Copper Cable	487655-B21
	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 5m Direct Attach Copper Cable	537963-B21
3	The following Transceivers install into this Switch: (Use 0D1 or B01 quoted to switch if switch is CTO) - if applicable:	
	Aruba 25G SFP28 LC SR 100m MMF Transceiver	JL484A
	Aruba 25G SFP28 LC SR 100m MMF Transceiver for HPE	R9F89A
	Aruba 25G SFP28 LC eSR 400m MMF Transceiver for HPE	R9F90A
	Aruba 25G SFP28 LC LR 10km SMF Transceiver	JL486A
	Aruba 25G SFP28 to SFP28 0.65m Direct Attach Copper Cable for HPE	R9F91A
	Aruba 25G SFP28 to SFP28 3m Direct Attach Copper Cable for HPE	R9F92A
	Aruba 25G SFP28 to SFP28 5m Direct Attach Copper Cable for HPE	R9F93A
	Aruba 25G SFP28 to SFP28 3m Active Optical Cable for HPE	R9F94A
	Aruba 25G SFP28 to SFP28 7m Active Optical Cable for HPE	R9F95A
	Aruba 25G SFP28 to SFP28 15m Active Optical Cable for HPE	R9F96A
	HPE 25Gb SFP28 to SFP28 3m Direct Attach Copper Cable	844477-B21
4	The following Transceivers install into this Switch: (Use 0D1 or B01 quoted to switch if switch is CTO) - if applicable:	
	Aruba 40G QSFP+ LC ER4 40km SMF Transceiver	Q9G82A
	Aruba 40G QSFP+ MPO SR4 Transceiver for HPE	R9F97A
	HPE X142 40G QSFP+ LC LR4 SM Transceiver	JH232A

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	Aruba 40G QSFP+ MPO eSR4 300M Transceiver for HPE	R9F98A
	Aruba 40G QSFP+ LC Bidirectional 150m MMF 2-strand Transceiver for HPE	R9G02A
	Aruba 40G QSFP+ to QSFP+ 1m Direct Attach Copper Cable for HPE	R9F99A
	Aruba 40G QSFP+ to QSFP+ 3m Direct Attach Copper Cable for HPE	R9G00A
	Aruba 40G QSFP+ to QSFP+ 5m Direct Attach Copper Cable for HPE	R9G01A
	Aruba 40G QSFP+ to QSFP+ 7m Active Optical Cable for HPE	R9G03A
	Aruba 40G QSFP+ to QSFP+ 15m Active Optical Cable for HPE	R9G04A
	Aruba 40G QSFP+ to QSFP+ 30m Active Optical Cable for HPE	R9G05A
	HPE BladeSystem c-Class 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable	721064-B21
5	The following Transceivers install into this Switch: (Use 0D1 or B01 quoted to switch if switch is CTO) - if applicable:	
	Aruba 100G QSFP28 LC ER4L 40km SMF Transceiver	JL743A
	Aruba 100G QSFP28 MPO SR4 MMF Transceiver for HPE	R9F75A
	Aruba 100G QSFP28 LC LR4 10km SMF 2-strand Transceiver	JL310A
	Aruba 100G QSFP28 LC CWDM4 2km SMF Transceiver	R0Z30A
	HPE 100Gb QSFP28 Bidirectional Transceiver	845972-B21
	Aruba 100G QSFP28-QSFP28 3m Direct Attach Copper Cable for HPE	R9F74A
	Aruba 100G QSFP28 to QSFP28 1m Direct Attach Copper Cable for HPE	R9F77A
	Aruba 100G QSFP28 to QSFP28 5m Direct Attach Copper Cable for HPE	R9F78A
	HPE 100Gb QSFP28 to 4x25Gb SFP28 3m Direct Attach Copper Cable	845416-B21
	Aruba 100G QSFP28 to QSFP28 2m Active Optical Cable for HPE	R9F76A
	Aruba 100G QSFP28 to QSFP28 7m Active Optical Cable for HPE	R9F79A
	Aruba 100G QSFP28 to QSFP28 15m Active Optical Cable for HPE	R9F80A
	Aruba 100G QSFP28 to QSFP28 30m Active Optical Cable for HPE	R9F81A
	HPE QSFP28 to 4x25Gb SFP28 7m Active Optical Cable	845420-B21
	HPE QSFP28 to 4x25Gb SFP28 15m Active Optical Cable	845424-B21
	HPE QSFP28 to SFP28 Adapter	845970-B21
6	OCA Only: Required Custom Choice (Min1/Max1)	

- Switch/Router/Power Supply to PDU Power Cord - B2B in North America, Mexico, Taiwan, and Japan or B2C ROW. (OCA Default B2B or B2C for Rack Level CTO)
- Switch/Router/Power Supply to Wall Power Cord - Localized Option (OCA Default for BTO)
- High Volt Switch/Router/Power Supply to Wall Power Cord - B2E Option. (Offered only in North America, Mexico, Taiwan, and Japan)
- No Power Cord - AC3 Option

7	If the CTO Switch Chassis needs to be racked, Then the CTO Base Model needs to integrate (with 0D1) to the HPE Network Rack.	
8	If qty1 of the following QSA28 Adapter(845970-B21) is selected, then increase max SFP28 Port qty by 1 and allow user selection of the following SFP Transceivers. Refer to qty and port restrictions for individual Switch in the "Additional Info" sections: (Use #0D1 for this XCVR Adapter since switch is factory racked)	
	Aruba 10G SFP+ LC SR 300m OM3 MMF Transceiver for HPE	R9F82A
	Aruba 10G SFP+ LC LR 10km SMF Transceiver	J9151E
	Aruba 10G SFP+ LC ER 40km SMF Transceiver	J9153D
	Aruba 10G SFP+ LC SR 300m MMF TAA Transceiver for HPE	R9Q46A
	Aruba 10G SFP+ LC LR 10km SMF TAA Transceiver for HPE	R9Q47A
	Aruba 25G SFP28 LC SR 100m MMF Transceiver for HPE	R9F89A
	Aruba 25G SFP28 LC eSR 400m MMF Transceiver for HPE	R9F90A
	Aruba 25G SFP28 LC LR 10km SMF Transceiver	JL486A
Notes:	OCA Blue Notes: Locking Power Cord (J9955A) L6-20P is available through the OCA Accessories tab	

Transceivers

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SFP Transceivers

Rule #	Description	SKU
	Aruba 1G SFP LC SX 500m OM2 MMF Transceiver for HPE	R9F86A
	Aruba 1G SFP LC LX 10km SMF Transceiver	J4859D
	Aruba 1G SFP LC LH 70km SMF Transceiver	J4860D
1	Aruba 1G SFP RJ45 T 100m Cat5e Transceiver for HPE	R9F87A
	Aruba 1G SFP LC SX 500m MMF TAA Transceiver for HPE	R9Q43A
	Aruba 1G SFP LC LX 10km SMF TAA Transceiver for HPE	R9Q44A
	Aruba 1G SFP RJ45 T 100m Cat5e TAA Transceiver for HPE	R9Q45A

Configuration Rules

Rule #	Description
1	– min 0 // max 32 of XCVRs (J8177D) can be installed into the following Switches: R9F64A, R9F65A
	– OCA Display Notes: R9F87A Max of 32 in either the R9F64A/R9F65A and can be installed into ports 1-48 excluding 3rd row of ports.

SFP+ Transceivers

Rule #	Description	SKU
1	Aruba 10GBASE-T SFP+ RJ45 30m Cat6A Transceiver for HPE	R9F85A
	Aruba 10G SFP+ LC SR 300m OM3 MMF Transceiver for HPE	R9F82A
	Aruba 10G SFP+ LC LR 10km SMF Transceiver	J9151E
	Aruba 10G SFP+ LC ER 40km SMF Transceiver	J9153D
	Aruba 10G SFP+ LC SR 300m MMF TAA Transceiver for HPE	R9Q46A
	Aruba 10G SFP+ LC LR 10km SMF TAA Transceiver for HPE	R9Q47A
	Aruba 10G SFP+ to SFP+ 1m Direct Attach Copper Cable for HPE	R9F83A
	Aruba 10G SFP+ to SFP+ 3m Direct Attach Copper Cable for HPE	R9F84A
	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 3m Direct Attach Copper Cable	487655-B21
	HPE BladeSystem c-Class 10GbE SFP+ to SFP+ 5m Direct Attach Copper Cable	537963-B21

Configuration Rules

Rule #	Description
1	– min 0 // max 12 XCVRs (R9F85A) can be installed into the following Switches: R9F64A, R9F65A
	– OCA Display Notes: R9F85A Max of 12 in either the R9F64A/R9F65A and only allowed in ports 1-17 excluding 3rd row of ports.

SFP28 Transceivers

Rule #	Description	SKU
	Aruba 25G SFP28 LC SR 100m MMF Transceiver for HPE	R9F89A
	Aruba 25G SFP28 LC eSR 400m MMF Transceiver for HPE	R9F90A
	Aruba 25G SFP28 LC LR 10km SMF Transceiver	JL486A
	Aruba 25G SFP28 to SFP28 0.65m Direct Attach Copper Cable for HPE	R9F91A
	Aruba 25G SFP28 to SFP28 3m Direct Attach Copper Cable for HPE	R9F92A
	Aruba 25G SFP28 to SFP28 5m Direct Attach Copper Cable for HPE	R9F93A
	Aruba 25G SFP28 to SFP28 3m Active Optical Cable for HPE	R9F94A
	Aruba 25G SFP28 to SFP28 7m Active Optical Cable for HPE	R9F95A
	Aruba 25G SFP28 to SFP28 15m Active Optical Cable for HPE	R9F96A
	HPE 25Gb SFP28 to SFP28 3m Direct Attach Copper Cable	844477-B21
	HPE 25Gb SFP28 to SFP28 5m Direct Attach Copper Cable	844480-B21

Configuration Rules

Rule #	Description
Notes:	– The 48 x SFP28 Ports function in port groups of 12 ports. Each port group must operate at the same speed (ie. Group 1 = qty12 of 1G or 10G or 25G transceivers).
	o Group 1 = ports 1-12
	o Group 2 = ports 13-24

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o Group 3 = ports 25-36

o Group 4 = ports 37-48

QSFP+ Transceivers

Rule #	Description	SKU
	Aruba 40G QSFP+ LC ER4 40km SMF Transceiver	Q9G82A
	Aruba 40G QSFP+ MPO SR4 Transceiver for HPE	R9F97A
	HPE X142 40G QSFP+ LC LR4 SM Transceiver	JH232A
	Aruba 40G QSFP+ MPO eSR4 300M Transceiver for HPE	R9F98A
	Aruba 40G QSFP+ LC Bidirectional 150m MMF 2-strand Transceiver for HPE	R9G02A
	Aruba 40G QSFP+ to QSFP+ 1m Direct Attach Copper Cable for HPE	R9F99A
	Aruba 40G QSFP+ to QSFP+ 3m Direct Attach Copper Cable for HPE	R9G00A
	Aruba 40G QSFP+ to QSFP+ 5m Direct Attach Copper Cable for HPE	R9G01A
	Aruba 40G QSFP+ to QSFP+ 7m Active Optical Cable for HPE	R9G03A
	Aruba 40G QSFP+ to QSFP+ 15m Active Optical Cable for HPE	R9G04A
	Aruba 40G QSFP+ to QSFP+ 30m Active Optical Cable for HPE	R9G05A
	HPE BladeSystem c-Class 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Splitter Cable	721064-B21

QSFP28 Transceivers

Rule #	Description	SKU
1	Aruba 100G QSFP28 LC ER4L 40km SMF Transceiver	JL743A
	Aruba 100G QSFP28 MPO SR4 MMF Transceiver for HPE	R9F75A
	Aruba 100G QSFP28 LC LR4 10km SMF 2-strand Transceiver	JL310A
	Aruba 100G QSFP28 LC CWDM4 2km SMF Transceiver	R0Z30A
	HPE 100Gb QSFP28 Bidirectional Transceiver	845972-B21
	Aruba 100G QSFP28-QSFP28 3m Direct Attach Copper Cable for HPE	R9F74A
	Aruba 100G QSFP28 to QSFP28 1m Direct Attach Copper Cable for HPE	R9F77A
	Aruba 100G QSFP28 to QSFP28 5m Direct Attach Copper Cable for HPE	R9F78A
	HPE 100Gb QSFP28 to 4x25Gb SFP28 3m Direct Attach Copper Cable	845416-B21
	Aruba 100G QSFP28 to QSFP28 2m Active Optical Cable for HPE	R9F76A
	Aruba 100G QSFP28 to QSFP28 7m Active Optical Cable for HPE	R9F79A
	Aruba 100G QSFP28 to QSFP28 15m Active Optical Cable for HPE	R9F80A
	Aruba 100G QSFP28 to QSFP28 30m Active Optical Cable for HPE	R9F81A
	HPE QSFP28 to 4x25Gb SFP28 7m Active Optical Cable	845420-B21
	HPE QSFP28 to 4x25Gb SFP28 15m Active Optical Cable	845424-B21

QSA28 Adapter

Rule #	Description	SKU
2	HPE QSFP28 to SFP28 Adapter	845970-B21

Configuration Rules

Rule #	Description
1	– min 0 // max 4 XCVRs (JL743A) can be installed into the following Switches: R9F64A, R9F65A, R9F66A, R9F67A
	– OCA Display Notes:
	o JL743A Max of 4 in either the R9F64A/R9F65A and only allowed in ports 49, 51, 53, 55.
	o JL743A Max of 4 in either the R9F66A/R9F67A and only allowed in ports 29-32.
2	If selecting the 845970-B21 - QSFP28 to SFP28 Adapter, then see Aruba Tranceiver Guide for details.

Switch Options

Rack Mount Kits

Rule #	Description	SKU
	Aruba X472 2-post Rack Kit	JL482B

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| 1 | Aruba 4-post Rack Kit for HPE | R9F59A |

Configuration Rules

Rule #	Description
1	If the switch will be factory racked into an HPE Universal Rack, then (Min 1) of the 4 Post Rack Mount kit is required.

Accessories

Spare Items

Rule #	Description	SKU
1	Aruba 8325 650W 100-240VAC Port to Power Airflow Power Supply Unit for HPE	R9F72A
	• Includes 1 x c13, 650w	
	Aruba 8325 650W 100-240VAC Port to Power Airflow Power Supply Unit for HPE PDU	R9F72A#B2B
	• C13 PDU Jumper Cord (NA/MEX/TW/JP) (J9943A C15 equivalent)	
	Aruba 8325 650W 100-240VAC Port to Power Airflow Power Supply Unit for HPE PDU	R9F72A#B2C
	• C13 PDU Jumper Cord (ROW) (J9944A C15 equivalent)	
	Aruba 8325 650W 100-240VAC Port to Power Airflow Power Supply Unit for HPE 220v	R9F72A#B2E
	• HPE 2.3m C13 to NEMA 6-15P Pwr Cord(J9936A)	
	Aruba 8325 650W 100-240VAC Port to Power Airflow Power Supply Unit for HPE No Loc	R9F72A#AC3
	• No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)	
1	Aruba 8325 650W 100-240VAC Power to Port Airflow Power Supply Unit for HPE	R9F73A
	• Includes 1 x c13, 650w	
	Aruba 8325 650W 100-240VAC Power to Port Airflow Power Supply Unit for HPE PDU	R9F73A#B2B
	• C13 PDU Jumper Cord (NA/MEX/TW/JP) (J9943A C15 equivalent)	
	Aruba 8325 650W 100-240VAC Power to Port Airflow Power Supply Unit for HPE PDU	R9F73A#B2C
	• C13 PDU Jumper Cord (ROW) (J9944A C15 equivalent)	
	Aruba 8325 650W 100-240VAC Power to Port Airflow Power Supply Unit for HPE 220v	R9F73A#B2E
	• HPE 2.3m C13 to NEMA 6-15P Pwr Cord(J9936A)	
	Aruba 8325 650W 100-240VAC Power to Port Airflow Power Supply Unit for HPE No Loc	R9F73A#AC3
	• No Localized Power Cord Selected. Use J9955A to obtain a Locking Plug Power Cord (L6-20P)	
	Aruba 8325-48Y8C Port to Power Airflow Fan for HPE	R9F68A
	Aruba 8325-48Y8C Power to Port Airflow Fan for HPE	R9F69A
	Aruba 8325-32C Port to Power Airflow Fan for HPE	R9F70A
	Aruba 8325-32C Power to Port Airflow Fan for HPE	R9F71A
	Aruba 4-post Rack Kit for HPE	R9F59A
	Aruba RJ45 to DB9 Console Cable for HPE	R9F58A

Configuration Rules

Rule #	Description
1	Localization required on orders without B2B, B2C, B2E or AC3 options.
Notes:	– Drop down under power supply should offer the following options and results:

       o Switch/Router/Power Supply to PDU Power Cord - #B2B in North America, Mexico, Taiwan, and Japan or #B2C ROW. (OCA Default B2B or B2C for Rack Level CTO)

o Switch/Router/Power Supply to Wall Power Cord - Localized Option (OCA
  Default for BTO)

o High Volt Switch/Router/Power Supply to Wall Power Cord - #B2E Option.
  (Offered only in North America, Mexico, Taiwan, and Japan)

o No Power Cord - #AC3 Option
− OCA Display Notes: Locking Power Cord (J9955A) L6-20P is available in the
  Accessories tab
− OCA Display Notes: 2 Power Supply is included with the Switch Bundle

Software

Remarks	Description	SKU
	NetEdit	
	Aruba NetEdit Single Node 1 year Subscription E-STU for HPE	R9G36AAE
	Aruba NetEdit Single Node 3 year Subscription E-STU for HPE	R9G37AAE
	Aruba Fabric Composer	
	Aruba Fabric Composer Device Management Service Tier 4 Switch 1 year Subscription E-STU for HPE	R9G26AAE
	Aruba Fabric Composer Device Management Service Tier 4 Switch 3 year Subscription E-STU for HPE	R9G27AAE
	Aruba Fabric Composer Device Management Service Tier 4 Switch 5 year Subscription E-STU for HPE	R9G28AAE
	Aruba Fabric Composer Device Management Service Tier 4 Switch 7 year Subscription E-STU for HPE	R9G29AAE
	Aruba Fabric Composer Device Management Service Tier 4 Switch 10 year Subscription E-STU for HPE	R9G30AAE

Technical Specifications

Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Front-to-Back 6 Fans and 2 PSU Bundle (R9F64A)

I/O ports and slots	Supports 48 ports of 1G/10G/25GbE (SFP/SFP+/SFP28) and 8 ports of 40G/100GbE (QSFP+/QSFP28) SFP+ ports (with an optional 10GBASE-T transceiver)	
Power supplies	Field-replaceable, hot-swappable, and up to 2 power supplies. Bundles (R9F64A, R9F65A, R9F66A, and R9F67A) include 2 power supplies.	
Fans	Field-replaceable, hot-swappable, and up to 6 fans. Bundles (R9F64A, R9F65A, R9F66A, and R9F67A) include 6 fans.	
Physical characteristics	Dimensions	(H) 4.3 cm x (W) 43.8 cm x (D) 53.6 cm (1.69" x 17.26" x 21.1")
	Weight	10 kg (22.05 lb)
Memory and processor	CPU	2.2GHz
	Memory, drive and Flash	16GB RAM, 64GB SSD, 8GB Flash Packet buffer: 32MB
Performance	Switching capacity	6.4Tbs
	IPv4 Host Table	120,000
	IPv6 Host Table	52,000
	IPv4 Unicast Routes	131,072
	IPv6 Unicast Routes	32,732

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	MAC address table size	98,304
	IGMP Groups	4,094
	MLD Groups	4,094
	IPv4 Multicast Routes	7,000
	IPv6 Multicast Routes	7,000
Environment	**Operating temperature**	0°C to 40°C (32°F to 104°F) up to 3.0 km (10,000 ft.)
	Operating relative humidity	5% to 95% at 40°C (104°F) non-condensing
	Non-operating temperature	-40°C to 70°C (-40°F to 158°F) up to 4.6 km (15,000 ft.)
	Non-operating/storage relative humidity	5% to 95% @ 65°C (149°F)
	Max operating altitude	Up to 10,000ft (3.048 km)
	Max non-operating altitude	Up to 15,000ft (4.6km)
	Primary airflow	Front-to-Back or Back-to-Front
Electrical characteristics	**Frequency**	50/60 Hz
	AC voltage	100-240 volts
	Current	6A (low voltage) - 3A (high voltage)
	Power consumption	Max: 550W
Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 IEC 60950-1:2005, Ed.2; Am 1:2009+A2:2013, UL 60950-1, CSA 22.2 No 60950-1, EN 60825-1:2007/IEC 60825-1:2007 Class 1	
EMC	EN 55032:2012, Class A EN 55024:2010, EN 61000-3-2:2014, Class A EN 61000-3-3:2013, FCC CFR 47 Part 15:2010, Class A, VCCI Class A CNS 13438	
Lasers	EN60825-1:2014/IEC 60825-1: 2014 Class 1, Class 1 Laser Products/Laser Klasse 1	
Management	SNMP RJ-45 serial USB micro USB console RJ-45 Ethernet port	
Mounting and enclosure	Mounts in an EIA standard 19-inch rack or other equipment cabinet (2-post or 4-post kit ordered separately); horizontal surface mounting only	

Aruba 8325-48Y8C 48p 25G SFP/+/28 8p 100G QSFP+/28 Back-to-Front 6 Fans and 2 PSU Bundle (R9F65A)		
I/O ports and slots	Supports 48 ports of 1G/10G/25GbE (SFP/SFP+/SFP28) and 8 ports of 40G/100GbE (QSFP+/QSFP28) SFP+ ports (with an optional 10GBASE-T transceiver)	
Power supplies	Field-replaceable, hot-swappable, and up to 2 power supplies. Bundles (R9F64A, R9F65A, R9F66A, and R9F67A) include 2 power supplies.	
Fans	Field-replaceable, hot-swappable, and up to 6 fans. Bundles (R9F64A, R9F65A, R9F66A, and R9F67A) include 6 fans.	
Physical characteristics	**Dimensions**	(H) 4.3 cm x (W) 43.8 cm x (D) 53.6 cm (1.71" x 17.26" x 21.1")
	Weight	10 kg (22.05 lb)
Memory and processor	**CPU**	2.2GHz
	Memory, drive and Flash	16GB RAM, 64GB SSD, 8GB Flash Packet buffer: 32MB
Performance	**Switching capacity**	6.4Tbs

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	IPv4 Host Table	120,000
	IPv6 Host Table	52,000
	IPv4 Unicast Routes	131,072
	IPv6 Unicast Routes	32,732
	MAC address table size	98,304
	IGMP Groups	4,094
	MLD Groups	4,094
	IPv4 Multicast Routes	7,000
	IPv6 Multicast Routes	7,000
Environment	**Operating temperature**	0°C to 40°C (32°F to 104°F) up to 3.0 km (10,000 ft.)
	Operating relative humidity	5% to 95% at 40°C (104°F) non-condensing
	Non-operating temperature	-40°C to 70°C (-40°F to 158°F) up to 4.6 km (15,000 ft.)
	Non-operating/storage relative humidity	5% to 95% @ 65°C (149°F)
	Max operating altitude	Up to 10,000ft (3.048 km)
	Max non-operating altitude	Up to 15,000ft (4.6km)
	Primary airflow	Front-to-Back or Back-to-Front
Electrical characteristics	**Frequency**	50/60 Hz
	AC voltage	100-240 volts
	Current	6A (low voltage) - 3A (high voltage)
	Power consumption	Max: 550W
Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 IEC 60950-1:2005, Ed.2; Am 1:2009+A2:2013, UL 60950-1, CSA 22.2 No 60950-1, EN 60825-1:2007/IEC 60825-1:2007 Class 1	
EMC	EN 55032:2012, Class A EN 55024:2010, EN 61000-3-2:2014, Class A EN 61000-3-3:2013, FCC CFR 47 Part 15:2010, Class A, VCCI Class A CNS 13438	
Lasers	EN60825-1:2014/IEC 60825-1: 2014 Class 1 Class 1 Laser Products/Laser Klasse 1	
Management	SNMP RJ-45 serial USB micro USB console RJ-45 Ethernet port	
Mounting and enclosure	Mounts in an EIA standard 19-inch rack or other equipment cabinet (2-post or 4-post kit ordered separately); horizontal surface mounting only	

Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans and 2 Power Supply Bundle (R9F66A)	
I/O ports and slots	Supports 32 ports of 40G/100GbE (QSFP+/QSFP28)
Power supplies	Field-replaceable, hot-swappable, and up to 2 power supplies. Bundles (R9F64A, R9F65A, R9F66A, and R9F67A) include 2 power supplies.
Fans	Field-replaceable, hot-swappable, and up to 6 fans. Bundles (R9F64A, R9F65A, R9F66A, and R9F67A) include 6 fans.
Physical characteristics	**Dimensions** (H) 4.4 cm x (W) 44.3 cm x (D) 47.3 cm (1.69" x 17.26" x 20.28")
	Weight 10.9 kg (24.0 lb)

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Memory and processor	**CPU**	2.2GHz
	Memory, drive and Flash	16GB RAM, 64GB SSD, 8GB Flash
		Packet buffer: 32MB
Performance	**Switching capacity**	6.4Tbs
	IPv4 Host Table	120,000
	IPv6 Host Table	52,000
	IPv4 Unicast Routes	131,072
	IPv6 Unicast Routes	32,732
	MAC address table size	98,304
	IGMP Groups	4,094
	MLD Groups	4,094
	IPv4 Multicast Routes	7,000
	IPv6 Multicast Routes	7,000
Environment	**Operating temperature**	0°C to 40°C (32°F to 104°F) up to 3.0 km (10,000 ft.)
	Operating relative humidity	5% to 95% at 40°C (104°F) non-condensing
	Non-operating temperature	-40°C to 70°C (-40°F to 158°F) up to 4.6 km (15,000 ft.)
	Non-operating/storage relative humidity	5% to 95% @ 65°C (149°F)
	Max operating altitude	Up to 10,000ft (3.048 km)
	Max non-operating altitude	Up to 15,000ft (4.6km)
	Primary airflow	Front-to-Back or Back-to-Front
Electrical characteristics	**Frequency**	50/60 Hz
	AC voltage	100-240 volts
	Current	6A (low voltage) - 3A (high voltage)
	Power consumption	Max: 550W
Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 IEC 60950-1:2005, Ed.2; Am 1:2009+A2:2013, UL 60950-1, CSA 22.2 No 60950-1, EN 60825-1:2007/IEC 60825-1:2007 Class 1	
EMC	EN 55032:2012, Class A EN 55024:2010, EN 61000-3-2:2014, Class A EN 61000-3-3:2013, FCC CFR 47 Part 15:2010, Class A, VCCI Class A CNS 13438	
Lasers	EN60825-1:2014/IEC 60825-1: 2014 Class 1 Class 1 Laser Products/Laser Klasse 1	
Management	SNMP RJ-45 serial USB micro USB console RJ-45 Ethernet port	
Mounting and enclosure	Mounts in an EIA standard 19-inch rack or other equipment cabinet (2-post or 4-post kit ordered separately); horizontal surface mounting only	

Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans and 2 Power Supply Bundle (R9F67A)	
I/O ports and slots	Supports 32 ports of 40G/100GbE (QSFP+/QSFP28)
Power supplies	Field-replaceable, hot-swappable, and up to 2 power supplies. Bundles (R9F64A, R9F65A, R9F66A, and R9F67A) include 2 power supplies.
Fans	Field-replaceable, hot-swappable, and up to 6 fans. Bundles (R9F64A, R9F65A, R9F66A, and R9F67A) include 6 fans.

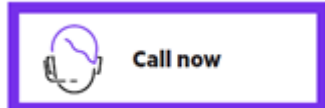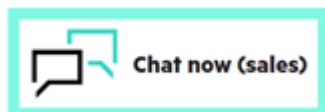Aruba Data Center Networking Solution for HPE

Physical characteristics	Dimensions	(H) 4.4 cm x (W) 44.3 cm x (D) 47.3 cm (1.69" x 17.26" x 20.28")
	Weight	10.9 kg (24.0 lb)
Memory and processor	CPU	2.2GHz
	Memory, drive and Flash	16GB RAM, 64GB SSD, 8GB Flash Packet buffer 32MB
Performance	Switching capacity	6.4Tbs
	IPv4 Host Table	120,000
	IPv6 Host Table	52,000
	IPv4 Unicast Routes	131,072
	IPv6 Unicast Routes	32,732
	MAC address table size	98,304
	IGMP Groups	4,094
	MLD Groups	4,094
	IPv4 Multicast Routes	7,000
	IPv6 Multicast Routes	7,000
Environment	Operating temperature	0°C to 40°C (32°F to 104°F) up to 3.0 km (10,000 ft.)
	Operating relative humidity	5% to 95% at 40°C (104°F) non-condensing
	Non-operating temperature	-40°C to 70°C (-40°F to 158°F) up to 4.6 km (15,000 ft.)
	Non-operating/storage relative humidity	5% to 95% @ 65°C (149°F)
	Max operating altitude	Up to 10,000ft (3.048 km)
	Max non-operating altitude	Up to 15,000ft (4.6km)
	Primary airflow	Front-to-Back or Back-to-Front
Electrical characteristics	Frequency	50/60 Hz
	AC voltage	100-240 volts
	Current	6A (low voltage) - 3A (high voltage)
	Power consumption	Max: 550W
Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 IEC 60950-1:2005 Ed.2; Am 1:2009+A2:2013, UL 60950-1, CSA 22.2 No 60950-1, EN 60825-1:2007/IEC 60825-1:2007 Class 1	
EMC	EN 55032:2012, Class A EN 55024:2010, EN 61000-3-2:2014, Class A EN 61000-3-3:2013, FCC CFR 47 Part 15:2010, Class A, VCCI Class A CNS 13438	
Lasers	EN60825-1:2014/IEC 60825-1: 2014 Class 1 Class 1 Laser Products/Laser Klasse 1	
Management	SNMP RJ-45 serial USB micro USB console RJ-45 Ethernet port	
Mounting and enclosure	Mounts in an EIA standard 19-inch rack or other equipment cabinet (2-post or 4-post kit ordered separately); horizontal surface mounting only	

Summary of Changes

Date	Version History	Action	Description of Change
02-May-2022	Version 23	Changed	Configuration Information and Aruba Data Center Networking Solution for HPE sections were updated.
07-Mar-2022	Version 22	Changed	Configuration Information and Technical Specifications sections were updated. New SKUs were added in Configuration Information section.
06-Dec-2021	Version 21	Changed	New Aruba Data Center Networking Solution for HPE section added to QuickSpecs.
07-Sep-2021	Version 20	Changed	Overview, Standard Features, and Configuration Information sections were updated.
07-Jun-2021	Version 19	Changed	Configuration Information section was updated.
08-Mar-2021	Version 18	Changed	SKUs added in Configuration Information.
07-Dec-2020	Version 17	Changed	Standard Features, Configuration Information and Technical Specifications sections were updated.
05-Oct-2020	Version 16	Changed	Configuration Information section was updated.
08-Sep-2020	Version 15	Changed	Configuration Information section was updated.
10-Aug-2020	Version 14	Changed	Standard Features and Configuration Information sections were updated.
06-Jul-2020	Version 13	Changed	Configuration Information section was updated.
06-Apr-2020	Version 12	Changed	Configuration Information was updated.
06-Jan-2020	Version 11	Changed	Configuration Information and Related Options sections were updated.
04-Nov-2019	Version 10	Changed	Overview and Standard Features sections were updated
19-Aug-2019	Version 9	Changed	Technical Specification section was updated.
01-Jul-2019	Version 8	Changed	BTO Transceivers SKUs were removed from Configuration Information. Section. SKU description updates.
17-Jun-2019	Version 7	Changed	Transceivers SKUs were removed in Related Options Section. SKU descriptions were updated.
06-May-2019	Version 6	Changed	Overview, Standard Features, Technical Specification and Accessories sections were updated Obsolete SKUs were removed SKU added: J8177D
18-Feb-2019	Version 5	Changed	Technical Specifications updated
04-Feb-2019	Version 4	Added	SKU added: J9151E
10-Dec-2018	Version 3	Changed	Overview and Technical Specifications were revised
05-Dec-2018	Version 2	Changed	Transceivers updated on the Accessories section
03-Dec-2018	Version 1	New	New QuickSpecs

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