QuickSpecs

Overview

Aruba 7200 Series Mobility Controllers

Improved network performance, visibility, and control

Aruba 7200 Series Mobility Controllers enhance WLAN performance for high performance, high density enterprise requirements. The 7200 Series centralizes all control functionality for individual Aruba access points (APs) to improve AP utilization, security, and client roaming. Ideally suited for large campuses and high density environments, the 7200 Series can be deployed using Zero Touch Provisioning (ZTP) to simplify deployment.

Aruba 7200 Series Mobility Controllers

Front: 7210/7220/7240

Front: 7205

Back: 7210/7220/7240

Back: 7205

Front: 7280

Back: 7280

Key Features

- Support for new Wi-Fi 6 (802.11ax), WPA3 and Enhanced Open – and existing standards
- Patented ClientMatch technology can now group together Wi-Fi 6-capable devices
- Dynamic Segmentation enforces wired and wireless access policies to simplify and secure the network
- Application awareness for 3,000+ applications without additional hardware
- Built in AI-powered wireless/RF optimization
- Unifies policy enforcement for WLAN, LAN and WAN traffic

Standard Features

Simple and Secure Access
The 7000 Series serves a key role in Dynamic Segmentation, providing Aruba's Policy Enforcement Firewall (PEF) to enforce policies based on user role, device type, application, and network location - and simplifying and securing wired and wireless network access. Traffic is encapsulated in GRE tunnels for complete encryption all the way from an AP or switch. This feature can be enabled with the ArubaOS PEF license and eliminates the need to manually configure SSIDs, VLANs or ACLs for each new client on the network.

High Performance and Reliability
Each 7000 Series provides connectivity for up to 4,096 concurrent users or client devices, 64 access points and include up to 24 Ethernet ports and multiple WAN uplinks. With 8Gbps of maximum throughput to perform Policy Enforcement Firewall (PEF) features, the 7000 Series delvers plenty of horsepower for the most demanding enterprise environments. These capabilities are over 40 times the client density and 10 times the maximum throughput of typical network appliances.

For enhanced resiliency and availability, the 7200 Series can be clustered together in a network managed by Aruba Mobility conductor.

24/7 Mission-critical Networking
Aruba's unique patented wireless technologies are based on AI-powered machine learning algorithms and integrated directly into ArubaOS. Adaptive Radio Management, AirMatch and ClientMatch (now enhanced with Wi-Fi 6 grouping) provide RF optimization techniques to improve user experience and network health based on changing environmental conditions, correct for noisy or congested RF and resolve sticky client issues during user roaming. RFProtect provides advanced spectrum analysis and wireless intrusion protection (WIPS/WIDS) to help identify and mitigate Wi-Fi and non-Wi-Fi sources of interference, as well as containment of potential security risks. Learn more about Aruba's software features on the ArubaOS datasheet.

When deployed with Aruba Mobility Conductor, the 7000 Series can be joined to a controller cluster to increase scale, improve reliability using High Availability (HA), adopt configurations seamlessly based on hierarchy, support Live Upgrades to reduce maintenance windows, and share licenses from a global licensing pool. The 7000 Series also serves a key policy enforcement role in Aruba's 360 Secure Fabric. Aruba AirWave provides real-time monitoring, reporting and Wi-Fi planning and visibility services.

SD-WAN Deployment
For organizations that are now managing multiple WAN connections, the 7000 Series can be connected to Aruba's SD-WAN fabric right out of the box. SD-WAN is a rich WAN management solutions that is used to simplify management of traffic entering and exiting branch sites. Please refer to the SD-WAN datasheet for more information.

Microsoft Features
Aruba's integration with Microsoft enables unique application intelligence that detects Microsoft 365, Teams and Skype for Business traffic and then prioritizes them over less critical applications. Through management interfaces on ArubaOS, Aruba Central, and Aruba AirWave, IT can visualize call quality metrics such as MOS, latency, jitter, and packet loss for additional insights.

Mobility Controller Deployment
The Aruba 7200 Series can be deployed using Aruba Mobility Controller software licenses in a campus or branch access layer deployment. In this mode, the controllers cannot be simultaneously used for SD-WAN. In Mobility Controller mode, the 7200 Series can also participate in Aruba's Dynamic Segmentation framework, with, at minimum, an access point (AP) license and a Policy Enforcement Firewall (PEF) license for each Aruba access point and switch in the network.

SD-WAN Deployment
Refer to the SD-WAN use cases guide for more information on how the 7200 Series can be used. Each 7200 Series requires an Aruba Central software subscription license to enable SD-WAN software features and the use of cloud-based management. The SD-WAN license also enables the use of the entire bandwidth capacity stated in the data sheet for each gateway.
In high availability deployments, each primary and backup appliances need to have a separate subscription license applied.

Each SD-WAN subscription includes software support and TAC/phone support. For SD-WAN hardware replacement support, order hardware-only support SKUs through your Aruba value-added reseller (VAR).

Standard Features

Enhanced Capabilities

- **Wi-Fi 6 (802.11ax) enhanced with ClientMatch** - The latest Wi-Fi standard brings enhanced performance, speed, and efficiency with key features such as OFDMA, 1024-QAM, and bidirectional MU-MIMO. Combined with Aruba's patented ClientMatch technology, 802.11ax clients will now be grouped together to optimize the multi-user experience.
- **Enhanced wireless security** - Support for WPA3 brings stronger encryption and authentication methods, while Enhanced Open brings automatic security to open networks. New WPA2-MPSK feature enables simpler passkey management for WPA2 devices – should the Wi-Fi password on one device need to be changed, no additional key changes are needed for other devices on the network.
- **Dynamic Segmentation** - To simplify and better secure wired and wireless network access, the 7000 Series can enforce per-user and device roles across wired and wireless networks by integrating with ClearPass Policy Manager. This ensures consistent policy regardless of user role and device type, and eliminates the need to configure unnecessary SSIDs, ACLs, VLANs and subnets at every node in the network.
- **Policy Enforcement Firewall** - Enabled by the PEF license, wired and wireless user and application traffic can be tunneled to a stateful firewall on the 7000 Series through GRE tunnels for inspection. Policies are then enforced based on user role, device type, application and location - as described in Dynamic Segmentation.
- **Application visibility and control** - As part of the PEF license, application visibility with Deep Packet Inspection (DPI) technology evaluates and optimizes performance and Quality of Service policies for over 3,000 applications - even for encrypted or hidden traffic.
- **Web content filtering -** WebCC is an add-on subscription-based feature that classifies websites by content category and rates them by reputation. It can also block, apply QoS, bandwidth-limit, mirror, and log web content.
- **Unified Communications and Collaboration (UCC)** - Visualize and troubleshoot networks based on call quality metrics such as MOS, latency, jitter and packet loss. Supported applications include: Teams, Skype for Business®, Wi-Fi Calling, Facetime, SIP, Jabber, Spark and more.
- **Zero Touch Provisioning** - The 7000 Series can be factory-shipped and deployed onsite with cloud-based Aruba Activate. For network-specific requirements, settings can be applied based on hierarchical configuration.
- **Integrated VPN services -** With support for IPSec/SSL VPNs, Aruba remote APs (RAPs) and Aruba VIA VPN users can establish encrypted sessions without any additional hardware required.
- **Third-party security integration -** For advanced malware or antivirus protection, the 7000 Series can assume the role of an on-premises agent of centrally-hosted firewalls such as those provided by Palo Alto Networks and Check Point Software. Dedicated firewall appliances are no longer needed at each branch.

Service and Warranty Information

- Hardware: 1 year parts/ labor, can be extended with support contract
- Software: 90 days, can be extended with support contract

Configuration Information

BTO Models

AC Powered Controllers
7210

Rule #	Description	SKU
1, 6	Aruba 7210 (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW743A

- Aruba 7210 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. Restricted Regulatory Domain.
- These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States, Israel or Japan
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

Rule #	Description	SKU
2, 6	Aruba 7210 (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW744A

- Aruba 7210 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. US regulatory domain (for deployments in USA only).
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

Rule #	Description	SKU
3, 6	Aruba 7210 (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW749A

- Aruba 7210 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. Restricted regulatory domain (for deployments in Japan only).
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

Rule #	Description	SKU
4, 6	Aruba 7210 (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW747A

- Aruba 7210 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. Restricted regulatory domain (for deployments in Israel only).
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

Rule #	Description	SKU
5, 6	Aruba 7210 (EG) 4x 10GBase-x SFP/SFP+ Controller	JY853A

- Aruba 7210 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. Restricted regulatory domain (for deployments in Egypt only).
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

Rule #	Description	SKU
6, 9	Aruba 7210 (RU) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Gateway	R6M40A

- Aruba 7210 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. Restricted Regulatory Domain. These products should be considered as 'Russia' products and MUST NOT be used for deployments in the United States, Israel or Japan
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

Configuration Information

7210 K12

Rule #	Description	SKU
1, 6	Aruba 7210-K12-128-RW 7210 K-12 (RW) Mobility Controller w/128 AP License Bundle	JW779A

- Aruba 7210-K12-128-RW 7210 K-12 (RW) Mobility Controller w/128 AP License Bundle, 2x 10GBASE-X (SFP+), Unrestricted Regulatory Domain. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States, Israel or Japan
- Combo Ports min=0 \ max=4 10/100/1000 or SFP Transceivers
- SFP/SFP+ ports min=0 \ max=2 SFP/SFP+ Transceivers

2, 6	Aruba 7210-K12-128-US 7210 K-12 (US) Mobility Controller w/128 AP License Bundle	JW780A

- Aruba 7210-K12-128-US 7210 K-12 (US) Mobility Controller w/128 AP License Bundle, 2x 10GBASE-X (SFP+), Restricted Regulatory Domain. For deployment in the United States only.
- Combo Ports min=0 \ max=4 10/100/1000 or SFP Transceivers
- SFP/SFP+ ports min=0 \ max=2 SFP/SFP+ Transceivers

1, 6	Aruba 7210-K12-256-RW 7210 K-12 (RW) Mobility Controller w/256 AP License Bundle	JW781A

- Aruba 7210-K12-256-RW 7210 K-12 (RW) Mobility Controller w/256 AP License Bundle, 2x 10GBASE-X (SFP+), Unrestricted Regulatory Domain. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States, Israel or Japan
- Combo Ports min=0 \ max=4 10/100/1000 or SFP Transceivers
- SFP/SFP+ ports min=0 \ max=2 SFP/SFP+ Transceivers

2, 6	Aruba 7210-K12-256-US 7210 K-12 (US) Mobility Controller w/256 AP License Bundle	JW782A

- Aruba 7210-K12-256-US 7210 K-12 (US) Mobility Controller w/256 AP License Bundle, 2x 10GBASE-X (SFP+), Restricted Regulatory Domain. For deployment in the United States only.
- Combo Ports min=0 \ max=4 10/100/1000 or SFP Transceivers
- SFP/SFP+ ports min=0 \ max=2 SFP/SFP+ Transceivers

7220

Rule #	Description	SKU
1, 6	Aruba 7220 (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW751A

- Aruba 7220 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. Restricted Regulatory Domain. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States, Israel or Japan.
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

2, 6	Aruba 7220 (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW752A

- Aruba 7220 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. US regulatory domain (for deployments in USA only).
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

3, 6	Aruba 7220 (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW757A

- Aruba 7220 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. Restricted regulatory domain (for deployments in Japan only).
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

Configuration Information

4, 6	Aruba 7220 (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW755A

- Aruba 7220 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. Restricted regulatory domain (for deployments in Israel only).
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

7240XM

Rule #	Description	SKU
1, 6	Aruba 7240XM (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW783A

- Aruba 7240XM Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. Restricted Regulatory Domain. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States, Israel or Japan.
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

2, 6	Aruba 7240XM (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW784A

- Aruba 7240XM Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. US regulatory domain (for deployments in USA only).
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

3, 6	Aruba 7240XM (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW785A

- Aruba 7240XM Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. Restricted regulatory domain (for deployments in Japan only).
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

4, 6	Aruba 7240XM (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW786A

- Aruba 7240XM Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. Restricted regulatory domain (for deployments in Israel only).
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

5, 6	Aruba 7240 (EG) 4x 10GBase-x SFP/SFP+ Controller	JY854A

- Aruba 7240XM Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W AC power supply. Restricted regulatory domain (for deployments in Egypt only).
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

Configuration Information

7280

Rule #	Description	SKU
1, 6	Aruba 7280 (RW) 2x40GbE and 8x10GBASE-X (SFP+) Controller	JX911A

- Aruba 7280 Mobility Controller with 8 x 10GBase-x (SFP/SFP+) and 2 x 40GbE QSFP+ ports. Includes one 550W AC power supply. Restricted Regulatory Domain. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States, Israel, Egypt or Japan
- SFP/SFP+ ports min=0 \ max=8 SFP/SFP+ Transceivers
- QSFP+ ports min=0 \ max=2 Transceivers

2, 6	Aruba 7280 (US) 2x40GbE and 8x10GBASE-X (SFP+) Controller	JX910A

- Aruba 7280 Mobility Controller with 8 x 10GBase-x (SFP/SFP+) and 2 x 40GbE QSFP+ ports. Includes one 550W AC power supply. Restricted Regulatory Domain. US regulatory domain (for deployments in USA only).
- SFP/SFP+ ports min=0 \ max=8 SFP/SFP+ Transceivers
- QSFP+ ports min=0 \ max=2 Transceivers

3, 6	Aruba 7280 (JP) 2x40GbE and 8x10GBASE-X (SFP+) Controller	JX912A

- Aruba 7280 Mobility Controller with 8 x 10GBase-x (SFP/SFP+) and 2 x 40GbE QSFP+ ports. Includes one 550W AC power supply. Restricted Regulatory Domain. Japan regulatory domain (for deployments in Japan only).
- SFP/SFP+ ports min=0 \ max=8 SFP/SFP+ Transceivers
- QSFP+ ports min=0 \ max=2 Transceivers

4, 6	Aruba 7280 (IL) 2x40GbE and 8x10GBASE-X (SFP+) Controller	JX913A

- Aruba 7280 Mobility Controller with 8 x 10GBase-x (SFP/SFP+) and 2 x 40GbE QSFP+ ports. Includes one 550W AC power supply. Restricted Regulatory Domain. Israel regulatory domain (for deployments in Israel only).
- SFP/SFP+ ports min=0 \ max=8 SFP/SFP+ Transceivers
- QSFP+ ports min=0 \ max=2 Transceivers

5, 6	Aruba 7280 (EG) 2x40GbE and 8x10GBASE-X (SFP+) Controller	JZ077A

- Aruba 7280 Mobility Controller with 8 x 10GBase-x (SFP/SFP+) and 2 x 40GbE QSFP+ ports. Includes one 550W AC power supply. Restricted Regulatory Domain. Egypt regulatory domain (for deployments in Egypt only).
- SFP/SFP+ ports min=0 \ max=8 SFP/SFP+ Transceivers
- QSFP+ ports min=0 \ max=2 Transceivers

DC Powered Controllers

7210 DC

Rule #	Description	SKU
1	Aruba 7210DC (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr	JW645A

- Aruba 7220 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W DC (-48V DC) power supply. Restricted Regulatory Domain. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States, Israel or Japan
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

2	Aruba 7210DC (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr	JW646A

Configuration Information

- Aruba 7210 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W DC (-48V DC) power supply. US regulatory domain (for deployments in USA only).
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

3   Aruba 7210DC (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr   JW648A

- Aruba 7210 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W DC (-48V DC) power supply. Restricted regulatory domain (for deployments in Japan only).
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

4   Aruba 7210DC (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr   JW647A

- Aruba 7210 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W DC (-48V DC) power supply. Restricted regulatory domain (for deployments in Israel only).
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

7220 DC

Rule #	Description	SKU
1	Aruba 7220DC (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr	JW649A

- Aruba 7220 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W DC (-48V DC) power supply. Restricted Regulatory Domain. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States, Israel or Japan.
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

2   Aruba 7220DC (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr   JW650A

- Aruba 7220 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W DC (-48V DC) power supply. US regulatory domain (for deployments in USA only).
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

3   Aruba 7220DC (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr   JW652A

- Aruba 7220 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W DC (-48V DC) power supply. Restricted regulatory domain (for deployments in Japan only).
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

4   Aruba 7220DC (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr   JW651A

- Aruba 7220 Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W DC (-48V DC) power supply. Restricted regulatory domain (for deployments in Israel only).
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

Configuration Information

7240XM DC

Rule #	Description	SKU
1	Aruba 7240XMDC (RW) 16GB DRAM 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr	JW674A

- Aruba 7240XM Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W DC (-48V DC) power supply. Restricted Regulatory Domain. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States, Israel or Japan.
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

2	Aruba 7240XMDC (US) 16GB DRAM 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr	JW675A

- Aruba 7240XM Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W DC (-48V DC) power supply. US regulatory domain (for deployments in USA only).
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

3	Aruba 7240XMDC (JP) 16GB DRAM 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr	JW676A

- Aruba 7240XM Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W DC (-48V DC) power supply. Restricted regulatory domain (for deployments in Japan only).
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

4	Aruba 7240XMDC (IL) 16GB DRAM 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr	JW677A

- Aruba 7240XM Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W DC (-48V DC) power supply. Restricted regulatory domain (for deployments in Israel only).
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

5	Aruba 7240XMDC (EG) 16GB DRAM 4p 10GBase-X/SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr	R8W28A

- Aruba 7240XM Mobility Controller with 4x 10GBase-x (SFP/SFP+) and 2x dual media (10/100/1000BASE-T or SFP) ports. Includes one 350W DC (-48V DC) power supply. US regulatory domain (for deployments in Egypt only).
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

TAA Controllers

7210 TAA

Rule #	Description	SKU
6	Aruba 7210 (RW) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW745A

- Aruba 7210, 4x 10GBase-X (SFP+), 1x 350W AC PS, Unrestricted Regulatory Domain. FIPS & TAA Compliant. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States, Israel or Japan.
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

2, 6	Aruba 7210 (US) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW746A

Configuration Information

- Aruba 7210, 4x 10GBase-X (SFP+), 1x 350W AC PS, Restricted Regulatory Domain - US, FIPS & TAA Compliant
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

Rule #	Description	SKU
3, 6	Aruba 7210 (JP) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW750A

- Aruba 7210, 4x 10GBase-X (SFP+), 1x 350W AC PS, Restricted Regulatory Domain - JP FIPS & TAA Compliant
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

Rule #	Description	SKU
4, 6	Aruba 7210 (IL) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW748A

- Aruba 7210, 4x 10GBase-X (SFP+), 1x 350W AC PS, Restricted Regulatory Domain - IL FIPS & TAA Compliant
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

7220 TAA

Rule #	Description	SKU
6	Aruba 7220 (RW) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW753A

- Aruba 7220, 4x 10GBase-X (SFP+), 1x 350W AC PS, Unrestricted Regulatory Domain. FIPS & TAA Compliant. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States, Israel or Japan.
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

Rule #	Description	SKU
2, 6	Aruba 7220 (US) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW754A

- Aruba 7220, 4x 10GBase-X (SFP+), 1x 350W AC PS, Restricted Regulatory Domain - US, FIPS & TAA Compliant
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

Rule #	Description	SKU
3, 6	Aruba 7220 (JP) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW758A

- Aruba 7220, 4x 10GBase-X (SFP+), 1x 350W AC PS, Restricted Regulatory Domain - JP FIPS & TAA Compliant
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

Rule #	Description	SKU
4, 6	Aruba 7220 (IL) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW756A

- Aruba 7220, 4x 10GBase-X (SFP+), 1x 350W AC PS, Restricted Regulatory Domain - IL FIPS & TAA Compliant
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

7240XM TAA

Rule #	Description	SKU
6	Aruba 7240XM (RW) 16GB DRAM 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW829A

Configuration Information

- Aruba 7240XM, 4x 10GBase-X (SFP+), 1x 350W AC PS, Unrestricted Regulatory Domain. FIPS & TAA Compliant. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States, Israel or Japan.
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

2, 6	Aruba 7240XM (US) 16GB DRAM 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW830A

- Aruba 7240XM, 4x 10GBase-X (SFP+), 1x 350W AC PS, Restricted Regulatory Domain - US, FIPS & TAA Compliant
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

3, 6	Aruba 7240XM (JP) 16GB DRAM 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW831A

- Aruba 7240XM, 4x 10GBase-X (SFP+), 1x 350W AC PS, Restricted Regulatory Domain - JP FIPS & TAA Compliant
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

4, 6	Aruba 7240XM (IL) 16GB DRAM 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW832A

- Aruba 7240XM, 4x 10GBase-X (SFP+), 1x 350W AC PS, Restricted Regulatory Domain - IL FIPS & TAA Compliant
- Combo Ports min=0 \ max=2 SFP Transceivers
- SFP/SFP+ ports min=0 \ max=4 SFP/SFP+ Transceivers

7280 TAA

Rule #	Description	SKU
1, 6	Aruba 7280 (RW) FIPS/TAA-compliant 2x40GbE and 8x10GBASE-X (SFP+) Controller	JX915A

- Aruba 7280 Mobility Controller with 8 x 10GBase-x (SFP/SFP+) and 2 x 40GbE QSFP+ ports. FIPS & TAA Compliant. Includes one 550W AC power supply. Restricted Regulatory Domain. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States, Israel, Egypt or Japan
- SFP/SFP+ ports min=0 \ max=8 SFP/SFP+ Transceivers
- QSFP+ ports min=0 \ max=2 Transceivers

2, 6	Aruba 7280 (US) FIPS/TAA-compliant 2x40GbE and 8x10GBASE-X (SFP+) Controller	JX914A

- Aruba 7280 Mobility Controller with 8 x 10GBase-x (SFP/SFP+) and 2 x 40GbE QSFP+ ports. FIPS & TAA Compliant. Includes one 550W AC power supply. US regulatory domain (for deployments in USA only).
- SFP/SFP+ ports min=0 \ max=8 SFP/SFP+ Transceivers
- QSFP+ ports min=0 \ max=2 Transceivers

3, 6	Aruba 7280 (JP) FIPS/TAA-compliant 2x40GbE and 8x10GBASE-X (SFP+) Controller	JX916A

- Aruba 7280 Mobility Controller with 8 x 10GBase-x (SFP/SFP+) and 2 x 40GbE QSFP+ ports. FIPS & TAA Compliant. Includes one 550W AC power supply. Japan regulatory domain (for deployments in Japan only).
- SFP/SFP+ ports min=0 \ max=8 SFP/SFP+ Transceivers
- QSFP+ ports min=0 \ max=2 Transceivers

4, 6	Aruba 7280 (IL) FIPS/TAA-compliant 2x40GbE and 8x10GBASE-X (SFP+) Controller	JX917A

- Aruba 7280 Mobility Controller with 8 x 10GBase-x (SFP/SFP+) and 2 x 40GbE QSFP+ ports. FIPS & TAA Compliant. Includes one 550W AC power supply. Israel regulatory domain (for deployments in Israel only).
- SFP/SFP+ ports min=0 \ max=8 SFP/SFP+ Transceivers

Configuration Information

- QSFP+ ports min=0 \ max=2 Transceivers

5, 6	Aruba 7280 (EG) FIPS/TAA-compliant 2x40GbE and 8x10GBASE-X (SFP+) Controller	JZ078A

- Aruba 7280 Mobility Controller with 8 x 10GBase-x (SFP/SFP+) and 2 x 40GbE QSFP+ ports. FIPS & TAA Compliant. Includes one 550W AC power supply. Egypt regulatory domain (for deployments in Egypt only).
- SFP/SFP+ ports min=0 \ max=8 SFP/SFP+ Transceivers
- QSFP+ ports min=0 \ max=2 Transceivers

Memory Upgrades
NOTE: 7240XM Memory Upgrade

Rule #	Description	SKU
1, 7, 8	Aruba 7240XM (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade Aruba 7240XM (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade	JW833A
2, 7, 8	Aruba 7240XM (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade Aruba 7240XM (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade	JW834A
3, 7, 8	Aruba 7240XM (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade Aruba 7240XM (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade	JW835A
4, 7, 8	Aruba 7240XM (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade Aruba 7240XM (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade	JW836A

7240XM TAA Memory Upgrade

Rule #	Description	SKU
1, 7, 8	Aruba 7240XM (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade Aruba 7240XM (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade	JW837A
2, 7, 8	Aruba 7240XM (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade Aruba 7240XM (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade	JW838A
3, 7, 8	Aruba 7240XM (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade Aruba 7240XM (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade	JW839A
4, 7, 8	Aruba 7240XM (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade Aruba 7240XM (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade	JW840A

7240XMDC Memory Upgrade

Rule #	Description	SKU
1, 7, 8	Aruba 7240XMDC (RW) 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr 16GB Upgrade Aruba 7240XMDC (RW) 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr 16GB Upgrade	JW841A
2, 7, 8	Aruba 7240XMDC (US) 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr 16GB Upgrade Aruba 7240XMDC (US) 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr 16GB Upgrade	JW842A

Configuration Information

3, 7, 8	Aruba 7240XMDC (JP) 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr 16GB Upgrade Aruba 7240XMDC (JP) 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr 16GB Upgrade	JW843A
4, 7, 8	Aruba 7240XMDC (IL) 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr 16GB Upgrade Aruba 7240XMDC (IL) 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr 16GB Upgrade	JW844A

Configuration Rules

Rule #	Description
1	Available everywhere except, US, Israel and Japan.
2	Available in US only
3	Available in Japan only
4	Available in Israel only
5	Available in Egypt only
6	Bring in (Min 1 // Max 1) Localized power cord based on the Aruba Localization Menu
7	Memory Upgrades should not be further configurable with any controller options.
8	OCA Blue Note: For the 7240XM upgrade SKUs, the customer can order the upgrade SKU, get shipped the 7240XM and will have 60 days from the time the order is placed to return the old 7240 SKU. At the end of 60 days, the customer will be invoiced for the differential amount and will be responsible for the invoice in 30 days.
9	Available in Russia only
Notes:	OCA Only Model Selection Form - Aruba > WAN Gateway > SD-WAN > Headend/VPNC: SD-WAN 7200 Series Headend Gateway/VPNC

Transceivers

Transceivers

Std (Min 0 // max 99) User Selection (min 0 // max 99)

Rule #	Description	SKU
3, 4, 5	Aruba SFP-EX 1000BASE-EX SFP 1310nm LC Connector Pluggable GbE XCVR	JW149A
3, 4	Aruba SFP-ZX 1000BASE-ZX SFP 1310nm LC Connector Pluggable GbE XCVR	JW150A
3, 4	Aruba 1G SFP LC LX 10km SMF Transceiver	J4859D
3, 4	Aruba 1G SFP LC SX 500m OM2 MMF Transceiver	J4858D
3, 4	Aruba 1G SFP LC LH 70km SMF Transceiver	J4860D
3, 4	Aruba 1G SFP RJ45 T 100m Cat5e Transceiver	J8177D
3, 5	SFP-10GE-LR 10GBASE-LR SFP+ 1310nm Pluggable LC Connector 10GbE XCVR	JW092A
3, 5	SFP-10GE-LRM 10GBASE-LRM SFP+ 1310nm LC Connector Pluggable 10GbE XCVR	JW090A
3, 5	Aruba SFP-10GE-ER 10GBASE-ER SFP+ 1310nm LC Connector Pluggable 10GbE XCVR	JW147A
3, 5	Aruba SFP-10GE-ZR 10GBASE-ZR SFP+ 1310nm LC Connector Pluggable 10GbE XCVR	JW148A
3, 5, 7	Aruba 10G SFP+ LC SR 300m OM3 MMF Transceiver	J9150D
3, 5, 7	Aruba 10G SFP+ LC LRM 220m OM2 MMF Transceiver	J9152D
3, 5, 7	Aruba 10G SFP+ LC ER 40km SMF Transceiver	J9153D
3, 5, 7	Aruba 10G SFP+ to SFP+ 1m Direct Attach Copper Cable	J9281D
3, 5, 7	Aruba 10G SFP+ to SFP+ 3m Direct Attach Copper Cable	J9283D
3, 5, 7	Aruba 10G SFP+ to SFP+ 7m Direct Attach Copper Cable	J9285D
6, 9	HPE X142 40G QSFP+ MPO SR4 Transceiver	JH231A
6, 9	HPE X142 40G QSFP+ LC LR4 SM Transceiver	JH232A
6, 9	HPE X142 40G QSFP+ MPO eSR4 300M Transceiver	JH233A
6, 9	HPE X242 40G QSFP+ to QSFP+ 1m Direct Attach Copper Cable	JH234A
6, 9	HPE X242 40G QSFP+ to QSFP+ 3m Direct Attach Copper Cable	JH235A

Configuration Information

6, 9	HPE X242 40G QSFP+ to QSFP+ 5m Direct Attach Copper Cable	JH236A
6, 9	HPE FlexNetwork X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable	JG329A
6, 9	HPE FlexNetwork X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable	JG331A
6, 9	Aruba 40G QSFP+ LC Bidirectional 150m MMF 2-strand Transceiver	JL308A

Configuration Rules

Rule #	Description
3	Supported on the 7210, 7220, 7240, 7240XM Models (min0 // max 4)
4	Supported on the 7210, 7220, 7240, 7240XM Combo Ports (min 0 // max 2)
5	Supported on the 7280 Models (min 0 // max 8)
6	Supported on the 7280 Models (min 0 // max 2)
7	OCA Display Note: Default minimum ArubaOS software version is 6.5.3.0 and 8.1.0.0
8	OCA Display Note: Minimum ArubaOS software version is 6.5.4.7 and 8.4.0.0
9	OCA Display Note: Minimum ArubaOS software version is 6.5.4.7 and 8.4.0.0 when installed into a 7280 Controller.

Accessories

Controller Mount Kits

Std (Min 0 // max 99) User Selection (min 0 // max 99)

Rule #	Description	SKU
1	Aruba SPR-RK3-MNT 7205 / 7024 / S2500-xx / S1500-24P/48P Spare Front Rack Mount	JW082A
2	Aruba SPR-RK-MNT 7200 / S3500 / S1500-24/48 / S2500 Spare Front or Mid Mount	JW107A
2	Aruba SPR-4RK-MNT 7200 Series / S3500 Spare Four-Post 19" Rack-Mount Kit	JW108A
2	Aruba SPR-WL-MNT 7200 Series or S3500 Wall Mount Kit	JW109A

Configuration Rules

Rule #	Description
1	Only supported on the 7280 Models
2	Only supported on the 7210, 7220, 7240, 7240XM Models

Accessories

Std (Min 0 // max 99) User Selection (min 0 // max 99)

Rule #	Description	SKU
2	Aruba PSU-PWBLNK 7200 Series and S3500 Power Supply Spare Faceplate Blank	JW110A
2	Aruba HW-7200-FT 7200 Series Fan Tray	JW111A
2	Aruba SPR-ESBLNK 7200 Series Expansion Slot Blank Panel	JW112A
3	Aruba HW-7280-FT 7280 Series Fan Tray	JZ013A

Configuration Rules

Rule #	Description
2	Only supported on the 7210, 7220, 7240, 7240XM Models
3	Only supported on the 7280 Models

Power Options

For 7210, 7220, 7240, 7240XM, 7280 Std (Min 0 // max 1) User Selection (min 0 // max 1)

Rule #	Description	SKU
1, 2	Aruba PSU-350-AC 7200 Series S3500-24T S3500-48T and S3500-24F 350W AC Power Supply	JW657A
Notes:	350W AC Power Supply. May be used as a redundant power supply or field-replaceable spare for 7200 Series, S3500-24T, S3500-48T and S3500-24F. Power cord not included- order country-specific (PC-AC-xx) power cord below.	
1, 4	PSU-550-AC 550W AC Power Supply	JZ012A

Configuration Information

3	Aruba PSU-350-DC 7200 Series Mobility Controllers 350W DC (-48V DC) Power Supply	JW658A

Notes: 350W DC (-48V DC) Power Supply. May be used as a redundant power supply or field-replaceable spare for 7200 Series Mobility Controllers.

Configuration Rules

Rule #	Description
1	Bring in (Min 1 // Max 1) Localized power cord based on the Aruba Localization Menu
2	Only allowed on AC models.
3	Only allowed on DC models.
4	Only supported on the 7280 Models

Software

Licenses

Std (Min 0 // max 1) User Selection (min 1 // max 1)

Rule #	Description	SKU
	Aruba 72xx Gateway Foundation 1yr Subscription E-STU	JZ195AAE
	Aruba 72xx Gateway Foundation 3yr Subscription E-STU	JZ196AAE
	Aruba 72xx Gateway Foundation 5yr Subscription E-STU	JZ197AAE
	Aruba 72xx Gateway Foundation 7yr Subscription E-STU	R0G60AAE
	Aruba 72xx Gateway Foundation 10yr Subscription E-STU	R0G61AAE
	Aruba 72xx Gateway Advanced 1yr Subscription E-STU	JZ198AAE
	Aruba 72xx Gateway Advanced 3yr Subscription E-STU	JZ199AAE
	Aruba 72xx Gateway Advanced 5yr Subscription E-STU	JZ200AAE
	Aruba 72xx Gateway Advanced 7yr Subscription E-STU	R0G62AAE
	Aruba 72xx Gateway Advanced 10yr Subscription E-STU	R0G63AAE

Technical Specifications

Performance and Capacity					
Features	**7205**	**7210**	**7220**	**7240XM**	**7280**
Maximum campus or remote AP licenses	256	512	1,024	2,048	2,048
Maximum concurrent users/devices	8,192	16,384	24,576	32,768	32,768
Maximum VLANs	4,096	4,096	4,096	4,096	4,096
Active firewall sessions	1 million (M)	2M	2M	2M	2M
Concurrent GRE tunnels	4,096	8,192	16,384	32,768	32,768
Concurrent IPsec sessions	8,192	16,384	24,576	32,768	32,768
Concurrent SSL sessions	4,096	8,192	8,192	8,192	8,192
Firewall throughput (Gbps)	12	20	40	40	100
Wired Bridged Throughput (Gbps)	12	20	40	40	100
Encrypted throughput 3DES (Gbps)	5	7	25	28	57
Encrypted throughput AES-CBC-256 (Gbps)	5	7	22	30	46
Encrypted throughput AES-CCM (Gbps)	5	7	20	29	75
Encrypted throughput AES-GCM-256 (Gbps)	5	7	26	35	70

Technical Specifications

Interfaces and Indicators

Features	7205	7210	7220	7240XM	7280
Form factor/footprint	1xRU	1xRU	1xRU	1xRU	1xRU
10/100/1000BASE-T	4xCombo	2xCombo	2xCombo	2xCombo	-
1000BASE-X	4xCombo	2xCombo	2xCombo	2xCombo	-
10G Ports (10G or 1G supported)	2xSFP+	4xSFP+	4xSFP+	4xSFP+	8xSFP+
40G Ports	-	-	-	-	2xQSFP+
USB 2.0	2	1	1	1	1
Management/status LEDs	Yes	Yes	Yes	Yes	Yes
LINK/ACT and status LEDs	Yes	Yes	Yes	Yes	Yes
LCD panel and navigation buttons	Yes	Yes	Yes	Yes	Yes
Console port	micro USB, RJ45	mini USB, RJ45	mini USB, RJ45	mini USB, RJ45	micro USB, RJ45
Out-of-band management port	Yes	Yes	Yes	Yes	Yes

Physical

Features	7205	7210	7220	7240XM	7280
Dimentions (HxWxD)	(H) 4.4 cm x (W) 44.2 cm x (D) 33.4 cm (1.75" x 17.38" x 13.13")	(H) 4.4 cm x (W) 44.5 cm x (D) 44.5 cm (1.75" x 17.5" x 17.5")			(H) 4.4 cm x (W) 44.2 cm x (D) 40.1 cm (1.73" x 17.40" x 15.79")
Weight	4.95 kg (10.19 lbs.)	7.45 kg (16.43 lbs.)			7.9 kg (17.41 lbs)
MTBF (Hours)	129,597 (@40C)	106,536 (@40C)	113,751 (@40C)	116,590 (@40C)	281,896 (@45C)

Technical Specifications

Environmental					
Features	**7205**	**7210**	**7220**	**7240XM**	**7280**
Operating Temperature	0° C to 40° C				
Storage Temperature	-40° C to 70° C				
Humidity/Storage Humidity	10% to 95%, NC	5% to 95%, NC	5% to 95%, NC	5% to 95%, NC	5% to 95%, NC
Operating Altitude	10,000 feet				
Acoustic Noise[1]	49 dBA	52.9 dBA	52.9 dBA	52.9 dBA	47.1 dBA
Maximum Heat Dissipation (BTU/hour)	260	375	427	563	819
Maximum Power Consumption	75.2W	110W	125W	165W	240W
Power Source	Internal power supply	350-watt AC or DC power supply			550-watt power supply

Notes: [1] Sound power per ETSI 300 753 in accordance with ISO 7779

Power Adapter and Supply Specifications			
Features	**350-watt AC**	**350-watt DC**	**550-watt**
Input voltage range	100 VAC to 240 VAC	DC -48V to DC -60V	100 VAC to 240 VAC
Output Voltage	+12VDC, 29.16A	+12VDC, 29.16A	+12VDC, 29.16A
Input frequency	50-60 Hz	50-60 Hz	50-60 Hz
AC line input current (steady state)	5 - 2.5A	5 - 2.5A	7.1 - 3.4A
Operating Temperature	-5° to +55° C	-5° to +55° C	-5° to +55° C
Cooling	Internal fan (Air flow rear to front)	Internal fan (Air flow rear to front)	Internal fan (Air flow rear to front)
Weight	1.3 kg (2.8 lbs)	1.3 kg (2.8 lbs)	0.87 kg (1.9 lbs)

Technical Specifications

Regulatory and Safety Compliance

Features	7205	7210	7220	7240XM	7280
Regulatory SKU information	ARCN7205	ARCN0100	ARCN0101	ARCN0102	ARCN7280
Minimum ArubaOS Release	6.4.3.0	6.2.0.0	6.2.0.0	6.4.4.0	6.5.4.0 or 8.3.0.0
	802.11ax (Wi-Fi 6), AOS 8.4; WI-FI CERTIFIED WPA3™, AOS 8.4; WI-FI CERTIFIED Enhanced Open™, AOS 8.4				
Regulatory and Safety Compliance	FCC Part 15 Class A CE Industry Canada Class A VCCI Class A (Japan) EN 55022 Class A (CISPR 22 Class A), EN 61000-3, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11, EN 55024, AS/NZS 3548 UL 60950, EN60950 CAN/CSA 22.2 #60950 CE mark, cTUVus, CB, C-tick, Anatel, NOM, MIC				
Telco	Common Language Equipment Identifier (CLEI) Code				

Summary of Changes

Date	Version History	Action	Description of Change
07-Sep-2021	Version 12	Changed	Configuration Information section was updated.
15-Mar-2021	Version 11	Changed	SKUs added in Configuration Information section.
01-Feb-2021	Version 10	Changed	SKUs updated in Configuration Information section.
11-Jan-2021	Version 9	Changed	Standard Features section was updated. Obsolete SKUs were deleted in Configuration Information section.
05-Oct-2020	Version 8	Changed	Configuration Information section was updated.
03-Aug-2020	Version 7	Changed	Configuration Information section was updated.
04-Nov-2019	Version 6	Changed	Overview, Standard Features, Configuration Information and Technical Specification sections were updated.
03-Dec-2018	Version 5	Changed	Complete document revised (software feature update)
08-Jan-2018	Version 4	Added	SKUs added: Q9B90AAE, JW538AAE, JW539AAE, JW540AAE, JW541AAE, JW542AAE, JW543AAE, JW544AAE, JY028AAE, JY029AAE, JY030AAE, JY031AAE, JY032AAE
07-Aug-2017	Version 3	Added	Models added: JX910A, JX911A, JX912A, JX913A, JX914A, JX915A, JX916A, JX917A, JZ077A, JZ078A SKUs added: JZ012A, JZ013A
07-Nov-2016	Version 2	Added	Models added: JY852A, JY853A, JY854A
01-Nov-2016	Version 1	New	New QuickSpecs

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