

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

Overview

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
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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 delivers 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 7000 Series can be clustered together in a network.

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 Master, 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
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Configuration Information

7205 Ordering Guide

Step 1: Select the appropriate 7205 Chassis

Remarks	Description	SKU
	Aruba 7205 (RW) 2-port 10GBASE-X (SFP+) Controller	JW735A
	Aruba 7205 (US) 2-port 10GBASE-X (SFP+) Controller	JW736A
	Aruba 7205 (IL) 2-port 10GBASE-X (SFP+) Controller	JW738A
	Aruba 7205 (JP) 2-port 10GBASE-X (SFP+) Controller	JW737A
	Aruba 7205 (EG) 2x 10GBASE-X SFP+ Controller	JY852A
	Aruba 7205 (RW) FIPS/TAA-compliant 2-port 10GBASE-X (SFP+) Controller	JW739A
	Aruba 7205 (US) FIPS/TAA-compliant 2-port 10GBASE-X (SFP+) Controller	JW740A
	Aruba 7205 (IL) FIPS/TAA-compliant 2-port 10GBASE-X (SFP+) Controller	JW742A
	Aruba 7205 (JP) FIPS/TAA-compliant 2-port 10GBASE-X (SFP+) Controller	JW741A

Step 2: Select AC power cord for main power supply for AC Powered Units

PC-AC-ARG AC power cord 250V/10A 1.8m C13 to IRAM 2073	JW113A
PC-AC-AUS AC power cord 250V/10A 1.8m C13 to AS3112	JW114A
PC-AC-BR AC power cord 250V/10A 1.8m C13 to NBR 14136	JW115A
PC-AC-CHN AC power cord 250V/10A 1.8m C13 to GB2099	JW116A
PC-AC-DEN AC power cord 250V/10A 1.8m C13 to AFSNIT 107-2-D1	JW117A
PC-AC-EC AC power cord 250V/10A 1.8m C13 to CEE7/7	JW118A
PC-AC-IN AC power cord 250V/6A 1.8m C13 to IS1293	JW119A
PC-AC-IL AC power cord 250V/10A 1.8m C13 to SI32	JW120A
PC-AC-IT AC power cord 250V/10A 1.8m C13 to CEI 23-50	JW121A
PC-AC-JPN AC power cord 125V/12A 1.8m C13 to JISC 8303	JW122A
PC-AC-KOR AC power cord 250V/7A 1.8m C13 to KSC 8305	JW123A
PC-AC-NA AC power cord 125V/10A 1.8m C13 to NEMA 5-15P	JW124A
PC-AC-SWI AC power cord 220V/10A 1.8m C13 to SEV 1011	JW125A
PC-AC-UK AC power cord 250V/10A 1.8m C13 to BS1363	JW127A

Step 3: Select Transceivers for Combo Ports (Optional)

SFP-LX 1000BASE-LX SFP 1310nm LC Connector Pluggable GbE XCVR	JW087A
SFP-SX 1000BASE-SX SFP 850nm LC Connector Pluggable GbE XCVR	JW088A

Notes: There are 4 combo ports on 7205 10/100/1000 or SFP

Step 4: Select Transceivers for SFP/SFP+ Ports (Optional)

SFP-LX 1000BASE-LX SFP 1310nm LC Connector Pluggable GbE XCVR	JW087A
SFP-SX 1000BASE-SX SFP 850nm LC Connector Pluggable GbE XCVR	JW088A
SFP-TX 1000BASE-T SFP Copper GbE RJ45 Connector Pluggable XCVR	JW089A
SFP-10GE-LRM 10GBASE-LRM SFP+ 1310nm LC Connector Pluggable 10GbE XCVR	JW090A
SFP-10GE-SR 10GBASE-SR SFP+ 850nm Pluggable LC Connector 10GbE XCVR	JW091A
SFP-10GE-LR 10GBASE-LR SFP+ 1310nm Pluggable LC Connector 10GbE XCVR	JW092A
DAC-SFP-10GE-1M 1m 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW101A
DAC-SFP-10GE-3M 3m 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW102A
DAC-SFP-10GE-50CM 50cm 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW100A
DAC-SFP-10GE-5M 5m 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW103A
DAC-SFP-10GE-7M 7m 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW104A

Notes: There are 2 GbE/10GbE SFP/SFP+ ports on the 7205



Configuration Information

Step 5: Spares (Optional)

Aruba SPR-RK3-MNT 7205 / 7024 / S2500-xx / S1500-24P/48P Spare Front Rack Mount	JW082A
Aruba SPR-WL2-MNT S1500-24/-48/S2500/S1500-24/-48/S2500 Wall and Rack Mount Kit	JW083A

7210 Ordering Guide

Step 1: Select the appropriate 7210 Chassis

Remarks	Description	SKU
	Aruba 7210 (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW743A
	Aruba 7210 (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW744A
	Aruba 7210 (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW747A
	Aruba 7210 (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW749A
	Aruba 7210 (EG) 4x 10GBase-x SFP/SFP+ Controller	JY853A
	Aruba 7210 (RU) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Gateway	R6M40A
	Aruba 7210 (RW) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW745A
	Aruba 7210 (US) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW746A
	Aruba 7210 (IL) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW748A
	Aruba 7210 (JP) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW750A
	Aruba 7210DC (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr	JW645A
	Aruba 7210DC (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr	JW647A
	Aruba 7210DC (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr	JW648A
	Aruba 7210DC (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr	JW646A

Step 2: Select AC power cord for main power supply for AC Powered Units

PC-AC-ARG AC power cord 250V/10A 1.8m C13 to IRAM 2073	JW113A
PC-AC-AUS AC power cord 250V/10A 1.8m C13 to AS3112	JW114A
PC-AC-BR AC power cord 250V/10A 1.8m C13 to NBR 14136	JW115A
PC-AC-CHN AC power cord 250V/10A 1.8m C13 to GB2099	JW116A
PC-AC-DEN AC power cord 250V/10A 1.8m C13 to AFSNIT 107-2-D1	JW117A
PC-AC-EC AC power cord 250V/10A 1.8m C13 to CEE7/7	JW118A
PC-AC-IN AC power cord 250V/6A 1.8m C13 to IS1293	JW119A
PC-AC-IL AC power cord 250V/10A 1.8m C13 to SI32	JW120A
PC-AC-IT AC power cord 250V/10A 1.8m C13 to CEI 23-50	JW121A
PC-AC-JPN AC power cord 125V/12A 1.8m C13 to JISC 8303	JW122A
PC-AC-KOR AC power cord 250V/7A 1.8m C13 to KSC 8305	JW123A
PC-AC-NA AC power cord 125V/10A 1.8m C13 to NEMA 5-15P	JW124A
PC-AC-SWI AC power cord 220V/10A 1.8m C13 to SEV 1011	JW125A
PC-AC-UK AC power cord 250V/10A 1.8m C13 to BS1363	JW127A
PC-AC-ZA AC power cord 250V/10A 1.8m C13 to SANS 164-1	JW128A

Configuration Information

Step 3: Select Transceivers for Combo Ports (Optional)		
Remarks	Description	SKU
	SFP-LX 1000BASE-LX SFP 1310nm LC Connector Pluggable GbE XCVR	JW087A
	SFP-SX 1000BASE-SX SFP 850nm LC Connector Pluggable GbE XCVR	JW088A
Notes:	There are 2 combo ports on 7210 10/100/1000 or SFP	
Step 4: Select Transceivers for SFP/SFP+ Ports (Optional)		
	SFP-LX 1000BASE-LX SFP 1310nm LC Connector Pluggable GbE XCVR	JW087A
	SFP-SX 1000BASE-SX SFP 850nm LC Connector Pluggable GbE XCVR	JW088A
	SFP-TX 1000BASE-T SFP Copper GbE RJ45 Connector Pluggable XCVR	JW089A
	SFP-10GE-LRM 10GBASE-LRM SFP+ 1310nm LC Connector Pluggable 10GbE XCVR	JW090A
	SFP-10GE-SR 10GBASE-SR SFP+ 850nm Pluggable LC Connector 10GbE XCVR	JW091A
	SFP-10GE-LR 10GBASE-LR SFP+ 1310nm Pluggable LC Connector 10GbE XCVR	JW092A
	DAC-SFP-10GE-1M 1m 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW101A
	DAC-SFP-10GE-3M 3m 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW102A
	DAC-SFP-10GE-50CM 50cm10GbE SFP+ Twinax Connectors Direct Attach Cable	JW100A
	DAC-SFP-10GE-5M 5m 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW103A
	DAC-SFP-10GE-7M 7m 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW104A
Notes:	There are 4 GbE/10GbE SFP/SFP+ ports on the 7210	
Step 5: Add Redundant Power Supply Unit (Optional)		
	Aruba PSU-350-AC 7200 Series S3500-24T S3500-48T and S3500-24F 350W AC Power Supply	JW657A
Notes:	Must match chassis type (AC or DC power)	
Step 6: Select AC power cord for Redundant Power Supply for AC Powered Units		
	PC-AC-ARG AC power cord 250V/10A 1.8m C13 to IRAM 2073	JW113A
	PC-AC-AUS AC power cord 250V/10A 1.8m C13 to AS3112	JW114A
	PC-AC-BR AC power cord 250V/10A 1.8m C13 to NBR 14136	JW115A
	PC-AC-CHN AC power cord 250V/10A 1.8m C13 to GB2099	JW116A
	PC-AC-DEN AC power cord 250V/10A 1.8m C13 to AFSNIT 107-2-D1	JW117A
	PC-AC-EC AC power cord 250V/10A 1.8m C13 to CEE7/7	JW118A
	PC-AC-IN AC power cord 250V/6A 1.8m C13 to IS1293	JW119A
	PC-AC-IL AC power cord 250V/10A 1.8m C13 to SI32	JW120A
	PC-AC-IT AC power cord 250V/10A 1.8m C13 to CEI 23-50	JW121A
	PC-AC-JPN AC power cord 125V/12A 1.8m C13 to JISC 8303	JW122A
	PC-AC-KOR AC power cord 250V/7A 1.8m C13 to KSC 8305	JW123A
	PC-AC-NA AC power cord 125V/10A 1.8m C13 to NEMA 5-15P	JW124A
	PC-AC-SWI AC power cord 220V/10A 1.8m C13 to SEV 1011	JW125A
	PC-AC-UK AC power cord 250V/10A 1.8m C13 to BS1363	JW127A
	PC-AC-ZA AC power cord 250V/10A 1.8m C13 to SANS 164-1	JW128A
Step 7: Spares (Optional)		
	Aruba SPR-RK-MNT 7200 / S3500 / S1500-24/48 / S2500 Spare Front or Mid Mount	JW107A
	Aruba SPR-4RK-MNT 7200 Series / S3500 Spare Four-Post 19" Rack-Mount Kit	JW108A
	Aruba SPR-WL-MNT 7200 Series or S3500 Wall Mount Kit	JW109A
	Aruba PSU-PWBLNK 7200 Series and S3500 Power Supply Spare Faceplate Blank	JW110A
	Aruba SPR-ESBLNK 7200 Series Expansion Slot Blank Panel	JW112A

Configuration Information

7220 Ordering Guide

Step 1: Select the appropriate 7220 Chassis

Remarks	Description	SKU
	Aruba 7220 (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW751A
	Aruba 7220 (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW752A
	Aruba 7220 (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW755A
	Aruba 7220 (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW757A
	Aruba 7220 (RW) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW753A
	Aruba 7220 (US) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW754A
	Aruba 7220 (IL) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW756A
	Aruba 7220 (JP) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW758A
	Aruba 7220DC (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr	JW649A
	Aruba 7220DC (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr	JW650A
	Aruba 7220DC (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr	JW651A
	Aruba 7220DC (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr	JW652A

Step 2: Select AC power cord for main power supply for AC Powered Units

PC-AC-ARG AC power cord 250V/10A 1.8m C13 to IIRAM 2073	JW113A
PC-AC-AUS AC power cord 250V/10A 1.8m C13 to AS3112	JW114A
PC-AC-BR AC power cord 250V/10A 1.8m C13 to NBR 14136	JW115A
PC-AC-CHN AC power cord 250V/10A 1.8m C13 to GB2099	JW116A
PC-AC-DEN AC power cord 250V/10A 1.8m C13 to AFSNIT 107-2-D1	JW117A
PC-AC-EC AC power cord 250V/10A 1.8m C13 to CEE7/7	JW118A
PC-AC-IN AC power cord 250V/6A 1.8m C13 to IS1293	JW119A
PC-AC-IL AC power cord 250V/10A 1.8m C13 to SI32	JW120A
PC-AC-IT AC power cord 250V/10A 1.8m C13 to CEI 23-50	JW121A
PC-AC-JPN AC power cord 125V/12A 1.8m C13 to JISC 8303	JW122A
PC-AC-KOR AC power cord 250V/7A 1.8m C13 to KSC 8305	JW123A
PC-AC-NA AC power cord 125V/10A 1.8m C13 to NEMA 5-15P	JW124A
PC-AC-SWI AC power cord 220V/10A 1.8m C13 to SEV 1011	JW125A
PC-AC-UK AC power cord 250V/10A 1.8m C13 to BS1363	JW127A
PC-AC-ZA AC power cord 250V/10A 1.8m C13 to SANS 164-1	JW128A

Step 3: Select Transceivers for Combo Ports (Optional)

SFP-LX 1000BASE-LX SFP 1310nm LC Connector Pluggable GbE XCVR	JW087A
SFP-SX 1000BASE-SX SFP 850nm LC Connector Pluggable GbE XCVR	JW088A

Notes: There are 2 combo ports on 7220 10/100/1000 or SFP



Configuration Information

Step 4: Select Transceivers for SFP/SFP+ Ports (Optional)

Description	SKU
SFP-LX 1000BASE-LX SFP 1310nm LC Connector Pluggable GbE XCVR	JW087A
SFP-SX 1000BASE-SX SFP 850nm LC Connector Pluggable GbE XCVR	JW088A
SFP-TX 1000BASE-T SFP Copper GbE RJ45 Connector Pluggable XCVR	JW089A
SFP-10GE-LRM 10GBASE-LRM SFP+ 1310nm LC Connector Pluggable 10GbE XCVR	JW090A
SFP-10GE-SR 10GBASE-SR SFP+ 850nm Pluggable LC Connector 10GbE XCVR	JW091A
SFP-10GE-LR 10GBASE-LR SFP+ 1310nm Pluggable LC Connector 10GbE XCVR	JW092A
DAC-SFP-10GE-1M 1m 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW101A
DAC-SFP-10GE-3M 3m 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW102A
DAC-SFP-10GE-50CM 50cm 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW100A
DAC-SFP-10GE-5M 5m 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW103A
DAC-SFP-10GE-7M 7m 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW104A

Notes: There are 4 GbE/10GbE SFP/SFP+ ports on the 7220

Step 5: Add Redundant Power Supply Unit (Optional)

Aruba PSU-350-AC 7200 Series S3500-24T S3500-48T and S3500-24F 350W AC Power Supply	JW657A
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Notes: Must match chassis type (AC or DC power)

Step 6: Select AC power cord for Redundant Power Supply for AC Powered Units

PC-AC-ARG AC power cord 250V/10A 1.8m C13 to IRAM 2073	JW113A
PC-AC-AUS AC power cord 250V/10A 1.8m C13 to AS3112	JW114A
PC-AC-BR AC power cord 250V/10A 1.8m C13 to NBR 14136	JW115A
PC-AC-CHN AC power cord 250V/10A 1.8m C13 to GB2099	JW116A
PC-AC-DEN AC power cord 250V/10A 1.8m C13 to AFSNIT 107-2-D1	JW117A
PC-AC-EC AC power cord 250V/10A 1.8m C13 to CEE7/7	JW118A
PC-AC-IN AC power cord 250V/6A 1.8m C13 to IS1293	JW119A
PC-AC-IL AC power cord 250V/10A 1.8m C13 to SI32	JW120A
PC-AC-IT AC power cord 250V/10A 1.8m C13 to CEI 23-50	JW121A
PC-AC-JPN AC power cord 125V/12A 1.8m C13 to JISC 8303	JW122A
PC-AC-KOR AC power cord 250V/7A 1.8m C13 to KSC 8305	JW123A
PC-AC-NA AC power cord 125V/10A 1.8m C13 to NEMA 5-15P	JW124A
PC-AC-SWI AC power cord 220V/10A 1.8m C13 to SEV 1011	JW125A
PC-AC-UK AC power cord 250V/10A 1.8m C13 to BS1363	JW127A
PC-AC-ZA AC power cord 250V/10A 1.8m C13 to SANS 164-1	JW128A

Step 7: Spares (Optional)

Aruba SPR-RK-MNT 7200 / S3500 / S1500-24/48 / S2500 Spare Front or Mid Mount	JW107A
Aruba SPR-4RK-MNT 7200 Series / S3500 Spare Four-Post 19" Rack-Mount Kit	JW108A
Aruba SPR-WL-MNT 7200 Series or S3500 Wall Mount Kit	JW109A
Aruba PSU-PWBLNK 7200 Series and S3500 Power Supply Spare Faceplate Blank	JW110A
Aruba SPR-ESBLNK 7200 Series Expansion Slot Blank Panel	JW112A



Configuration Information

7240XM Ordering Guide

Step 1: Select the appropriate 7240XM Chassis

Remarks	Description	SKU
	Aruba 7240XM (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW783A
	Aruba 7240XM (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW784A
	Aruba 7240XM (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW786A
	Aruba 7240XM (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW785A
	Aruba 7240 (EG) 4x 10GBase-x SFP/SFP+ Controller	JY854A
	Aruba 7240XM (RW) 16GB DRAM 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW829A
	Aruba 7240XM (US) 16GB DRAM 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW830A
	Aruba 7240XM (JP) 16GB DRAM 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW831A
	Aruba 7240XM (IL) 16GB DRAM 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller	JW832A
	Aruba 7240XMDC (RW) 16GB DRAM 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr	JW674A
	Aruba 7240XMDC (US) 16GB DRAM 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr	JW675A
	Aruba 7240XMDC (IL) 16GB DRAM 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr	JW677A
	Aruba 7240XMDC (JP) 16GB DRAM 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr	JW676A

Step 2: Select AC power cord for main power supply for AC Powered Units

PC-AC-ARG AC power cord 250V/10A 1.8m C13 to IRAM 2073	JW113A
PC-AC-AUS AC power cord 250V/10A 1.8m C13 to AS3112	JW114A
PC-AC-BR AC power cord 250V/10A 1.8m C13 to NBR 14136	JW115A
PC-AC-CHN AC power cord 250V/10A 1.8m C13 to GB2099	JW116A
PC-AC-DEN AC power cord 250V/10A 1.8m C13 to AFSNIT 107-2-D1	JW117A
PC-AC-EC AC power cord 250V/10A 1.8m C13 to CEE7/7	JW118A
PC-AC-IN AC power cord 250V/6A 1.8m C13 to IS1293	JW119A
PC-AC-IL AC power cord 250V/10A 1.8m C13 to SI32	JW120A
PC-AC-IT AC power cord 250V/10A 1.8m C13 to CEI 23-50	JW121A
PC-AC-JPN AC power cord 125V/12A 1.8m C13 to JISC 8303	JW122A
PC-AC-KOR AC power cord 250V/7A 1.8m C13 to KSC 8305	JW123A
PC-AC-NA AC power cord 125V/10A 1.8m C13 to NEMA 5-15P	JW124A
PC-AC-SWI AC power cord 220V/10A 1.8m C13 to SEV 1011	JW125A
PC-AC-UK AC power cord 250V/10A 1.8m C13 to BS1363	JW127A
PC-AC-ZA AC power cord 250V/10A 1.8m C13 to SANS 164-1	JW128A

Step 3: Select Transceivers for Combo Ports (Optional)

SFP-LX 1000BASE-LX SFP 1310nm LC Connector Pluggable GbE XCVR	JW087A
SFP-SX 1000BASE-SX SFP 850nm LC Connector Pluggable GbE XCVR	JW088A



Configuration Information

Step 4: Select Transceivers for SFP/SFP+ Ports (Optional)		
Remarks	Description	SKU
	SFP-LX 1000BASE-LX SFP 1310nm LC Connector Pluggable GbE XCVR	JW087A
	SFP-SX 1000BASE-SX SFP 850nm LC Connector Pluggable GbE XCVR	JW088A
	SFP-TX 1000BASE-T SFP Copper GbE RJ45 Connector Pluggable XCVR	JW089A
	SFP-10GE-LRM 10GBASE-LRM SFP+ 1310nm LC Connector Pluggable 10GbE XCVR	JW090A
	SFP-10GE-SR 10GBASE-SR SFP+ 850nm Pluggable LC Connector 10GbE XCVR	JW091A
	SFP-10GE-LR 10GBASE-LR SFP+ 1310nm Pluggable LC Connector 10GbE XCVR	JW092A
	DAC-SFP-10GE-1M 1m 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW101A
	DAC-SFP-10GE-3M 3m 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW102A
	DAC-SFP-10GE-50CM 50cm10GbE SFP+ Twinax Connectors Direct Attach Cable	JW100A
	DAC-SFP-10GE-5M 5m 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW103A
	DAC-SFP-10GE-7M 7m 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW104A
	Step 5: Add Redundant Power Supply Unit (Optional)	
	Aruba PSU-350-AC 7200 Series S3500-24T S3500-48T and S3500-24F 350W AC Power Supply	JW657A
Notes:	Must match chassis type (AC or DC power)	
	Step 6: Select AC power cord for Redundant Power Supply for AC Powered Units	
	PC-AC-ARG AC power cord 250V/10A 1.8m C13 to IRAM 2073	JW113A
	PC-AC-AUS AC power cord 250V/10A 1.8m C13 to AS3112	JW114A
	PC-AC-BR AC power cord 250V/10A 1.8m C13 to NBR 14136	JW115A
	PC-AC-CHN AC power cord 250V/10A 1.8m C13 to GB2099	JW116A
	PC-AC-DEN AC power cord 250V/10A 1.8m C13 to AFSNIT 107-2-D1	JW117A
	PC-AC-EC AC power cord 250V/10A 1.8m C13 to CEE7/7	JW118A
	PC-AC-IN AC power cord 250V/6A 1.8m C13 to IS1293	JW119A
	PC-AC-IL AC power cord 250V/10A 1.8m C13 to SI32	JW120A
	PC-AC-IT AC power cord 250V/10A 1.8m C13 to CEI 23-50	JW121A
	PC-AC-JPN AC power cord 125V/12A 1.8m C13 to JISC 8303	JW122A
	PC-AC-KOR AC power cord 250V/7A 1.8m C13 to KSC 8305	JW123A
	PC-AC-NA AC power cord 125V/10A 1.8m C13 to NEMA 5-15P	JW124A
	PC-AC-SWI AC power cord 220V/10A 1.8m C13 to SEV 1011	JW125A
	PC-AC-UK AC power cord 250V/10A 1.8m C13 to BS1363	JW127A
	PC-AC-ZA AC power cord 250V/10A 1.8m C13 to SANS 164-1	JW128A
	Step 7: Spares (Optional)	
	Aruba SPR-RK-MNT 7200 / S3500 / S1500-24/48 / S2500 Spare Front or Mid Mount	JW107A
	Aruba SPR-4RK-MNT 7200 Series / S3500 Spare Four-Post 19" Rack-Mount Kit	JW108A
	Aruba SPR-WL-MNT 7200 Series or S3500 Wall Mount Kit	JW109A
	Aruba PSU-PWBLNK 7200 Series and S3500 Power Supply Spare Faceplate Blank	JW110A
	Aruba SPR-ESBLNK 7200 Series Expansion Slot Blank Panel	JW112A



Configuration Information

7280 Ordering Guide

Step 1: Select the appropriate 7280 Chassis

Remarks	Description	SKU
	Aruba 7280 (US) 2x40GbE and 8x10GBASE-X (SFP+) Controller	JX910A
	Aruba 7280 (RW) 2x40GbE and 8x10GBASE-X (SFP+) Controller	JX911A
	Aruba 7280 (JP) 2x40GbE and 8x10GBASE-X (SFP+) Controller	JX912A
	Aruba 7280 (IL) 2x40GbE and 8x10GBASE-X (SFP+) Controller	JX913A
	Aruba 7280 (EG) 2x40GbE and 8x10GBASE-X (SFP+) Controller	JZ077A
	Aruba 7280 (US) FIPS/TAA-compliant 2x40GbE and 8x10GBASE-X (SFP+) Controller	JX914A
	Aruba 7280 (RW) FIPS/TAA-compliant 2x40GbE and 8x10GBASE-X (SFP+) Controller	JX915A
	Aruba 7280 (JP) FIPS/TAA-compliant 2x40GbE and 8x10GBASE-X (SFP+) Controller	JX916A
	Aruba 7280 (IL) FIPS/TAA-compliant 2x40GbE and 8x10GBASE-X (SFP+) Controller	JX917A
	Aruba 7280 (EG) FIPS/TAA-compliant 2x40GbE and 8x10GBASE-X (SFP+) Controller	JZ078A

Step 2: Select AC power cord for main power supply for AC Powered Units

PC-AC-ARG AC power cord 250V/10A 1.8m C13 to IRAM 2073	JW113A
PC-AC-AUS AC power cord 250V/10A 1.8m C13 to AS3112	JW114A
PC-AC-BR AC power cord 250V/10A 1.8m C13 to NBR 14136	JW115A
PC-AC-CHN AC power cord 250V/10A 1.8m C13 to GB2099	JW116A
PC-AC-DEN AC power cord 250V/10A 1.8m C13 to AFSNIT 107-2-D1	JW117A
PC-AC-EC AC power cord 250V/10A 1.8m C13 to CEE7/7	JW118A
PC-AC-IN AC power cord 250V/6A 1.8m C13 to IS1293	JW119A
PC-AC-IL AC power cord 250V/10A 1.8m C13 to SI32	JW120A
PC-AC-IT AC power cord 250V/10A 1.8m C13 to CEI 23-50	JW121A
PC-AC-JPN AC power cord 125V/12A 1.8m C13 to JISC 8303	JW122A
PC-AC-KOR AC power cord 250V/7A 1.8m C13 to KSC 8305	JW123A
PC-AC-NA AC power cord 125V/10A 1.8m C13 to NEMA 5-15P	JW124A
PC-AC-SWI AC power cord 220V/10A 1.8m C13 to SEV 1011	JW125A
PC-AC-UK AC power cord 250V/10A 1.8m C13 to BS1363	JW127A
PC-AC-ZA AC power cord 250V/10A 1.8m C13 to SANS 164-1	JW128A

Step 3: Select Transceivers for SFP/SFP+ Ports (Optional)

SFP-LX 1000BASE-LX SFP 1310nm LC Connector Pluggable GbE XCVR	JW087A
SFP-SX 1000BASE-SX SFP 850nm LC Connector Pluggable GbE XCVR	JW088A
SFP-TX 1000BASE-T SFP Copper GbE RJ45 Connector Pluggable XCVR	JW089A
SFP-10GE-LRM 10GBASE-LRM SFP+ 1310nm LC Connector Pluggable 10GbE XCVR	JW090A
SFP-10GE-SR 10GBASE-SR SFP+ 850nm Pluggable LC Connector 10GbE XCVR	JW091A
SFP-10GE-LR 10GBASE-LR SFP+ 1310nm Pluggable LC Connector 10GbE XCVR	JW092A
DAC-SFP-10GE-1M 1m 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW101A
DAC-SFP-10GE-3M 3m 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW102A
DAC-SFP-10GE-50CM 50cm 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW100A
DAC-SFP-10GE-5M 5m 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW103A
DAC-SFP-10GE-7M 7m 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW104A

Notes: There are 8 GbE/10GbE SFP/SFP+ ports on the 7280



Configuration Information

Step 4: Select 40 GBE Transceivers and DAC Cables (Optional)		
Remarks	Description	SKU
	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
	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
	HPE FlexNetwork X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable	JG329A
	HPE FlexNetwork X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable	JG331A
Notes:	There are 2 40GbE QSFP+ ports on the 7280	
Step 5: Add Redundant Power Supply Unit (Optional)		
	PSU-550-AC 550W AC Power Supply	JZ012A
Step 6: Select AC power cord for Redundant Power Supply for AC Powered Units		
	PC-AC-ARG AC power cord 250V/10A 1.8m C13 to IRAM 2073	JW113A
	PC-AC-AUS AC power cord 250V/10A 1.8m C13 to AS3112	JW114A
	PC-AC-BR AC power cord 250V/10A 1.8m C13 to NBR 14136	JW115A
	PC-AC-CHN AC power cord 250V/10A 1.8m C13 to GB2099	JW116A
	PC-AC-DEN AC power cord 250V/10A 1.8m C13 to AFSNIT 107-2-D1	JW117A
	PC-AC-EC AC power cord 250V/10A 1.8m C13 to CEE7/7	JW118A
	PC-AC-IN AC power cord 250V/6A 1.8m C13 to IS1293	JW119A
	PC-AC-IL AC power cord 250V/10A 1.8m C13 to SI32	JW120A
	PC-AC-IT AC power cord 250V/10A 1.8m C13 to CEI 23-50	JW121A
	PC-AC-JPN AC power cord 125V/12A 1.8m C13 to JISC 8303	JW122A
	PC-AC-KOR AC power cord 250V/7A 1.8m C13 to KSC 8305	JW123A
	PC-AC-NA AC power cord 125V/10A 1.8m C13 to NEMA 5-15P	JW124A
	PC-AC-SWI AC power cord 220V/10A 1.8m C13 to SEV 1011	JW125A
	PC-AC-UK AC power cord 250V/10A 1.8m C13 to BS1363	JW127A
	PC-AC-ZA AC power cord 250V/10A 1.8m C13 to SANS 164-1	JW128A
Step 7: Spares (Optional)		
	Aruba SPR-WL2-MNT S1500-24/-48/S2500/S1500-24/-48/S2500 Wall and Rack Mount Kit	JW083A
	Aruba SPR-RK-MNT 7200 / S3500 / S1500-24/48 / S2500 Spare Front or Mid Mount	JW107A
	Aruba HW-7280-FT 7280 Series Fan Tray	JZ013A

Related Options

Mobility Controller Licenses

Remarks	Description	SKU
	Aruba LIC-AP Controller per AP Capacity License E-LTU	JW472AAE
	Aruba LIC-PEF Controller Policy Enforcement Firewall Per AP License E-LTU	JW473AAE
	Aruba LIC-RFP Controller RFProtect Per AP License E-LTU	JW474AAE
	Aruba LIC-ENT Enterprise (LIC-AP LIC-PEF LIC-RFP and LIC-AW) Licence Bundle E-LTU	JW471AAE
	Aruba LIC-ACR Controller Advanced Cryptography 1 Session License E-LTU	Q9B90AAE
	Aruba Controller Web Content Classification 1 Year Subscription E-STU	JY028AAE
	Aruba Controller Web Content Classification 3 Year Subscription E-STU	JY029AAE
	Aruba Controller Web Content Classification 5 Year Subscription E-STU	JY030AAE
	Aruba Controller Web Content Classification 7 Year Subscription E-STU	JY031AAE
	Aruba Controller Web Content Classification 10 Year Subscription E-STU	JY032AAE
	Aruba LIC-7205-PEFV Controller Policy Enforcement Firewall for Aruba 7205 Cntrlr License E-LTU	JW499AAE
	Aruba LIC-7210-PEFV Controller Policy Enforcement Firewall for Aruba 7210 Cntrlr License E-LTU	JW500AAE
	Aruba LIC-7220-PEFV Controller Policy Enforcement Firewall for Aruba 7220 Cntrlr License E-LTU	JW501AAE
	Aruba LIC-7240-PEFV Controller Policy Enforcement Firewall for Aruba 7240 Cntrlr License E-LTU	JW502AAE
	Aruba LIC-VIA Per VIA Client Controller VPN License E-LTU	JZ148AAE

- Notes:**
- For each AP attached to the controller the minimal configuration is 1 x LIC-AP per AP.
 - LIC-ENT (JW471AAE) is equivalent to 1 each of LIC-AP, LIC-REF, LIC-RFP and LIC-AW
 - LIC-AW is a device license for AirWave Management system
 - For Dynamic Segmentation, the per-AP license count must equal the sum of APs and switches that are tunneling traffic. For virtual switch stacks, one AP license will be consumed per stack.
 - The PEFV license enables firewall services on a per-controller basis for VPN termination such as Aruba VIA, Aruba RAPs and IAP-VPN.

Notes: PEFV license can also be used for VIA VPN termination. But PEFV is tied to a particular controller and the license capacity scales to the controller user capacity. On the other hand, LIC-VIA license is per VIA user license and is not tied to any particular controller. It can be transferred from one controller to another. Unlike PEFV, LIC-VIA supports centralized licensing and can be managed by Mobility Master or a Master Controller in AOS 8.x deployment.

Related Options

Transceivers						SKU
7205	7210	7220	7240 XM	7280	Description	
X	X	X	X	X	SFP-LX 1000BASE-LX SFP 1310nm LC Connector Pluggable GbE XCVR	JW087A
X	X	X	X	X	SFP-SX 1000BASE-SX SFP 850nm LC Connector Pluggable GbE XCVR	JW088A
X	X	X	X	X	SFP-TX 1000BASE-T SFP Copper GbE RJ45 Connector Pluggable XCVR	JW089A
X	X	X	X	X	Aruba SFP-EX 1000BASE-EX SFP 1310nm LC Connector Pluggable GbE XCVR	JW149A
X	X	X	X		Aruba SFP-ZX 1000BASE-ZX SFP 1310nm LC Connector Pluggable GbE XCVR	JW150A
X ¹	X ¹	X ¹	X ¹	X ¹	Aruba 1G SFP LC LX 10km SMF Transceiver	J4859D
X ¹	X ¹	X ¹	X ¹	X ¹	Aruba 1G SFP LC SX 500m OM2 MMF Transceiver	J4858D
X ²	X ²	X ²	X ²	X ²	Aruba 1G SFP LC LH 70km SMF Transceiver	J4860D
X ¹	X ¹	X ¹	X ¹	X ¹	Aruba 1G SFP RJ45 T 100m Cat5e Transceiver	J8177D
X	X	X	X	X	SFP-10GE-LR 10GBASE-LR SFP+ 1310nm Pluggable LC Connector 10GbE XCVR	JW092A
X	X	X	X	X	SFP-10GE-SR 10GBASE-SR SFP+ 850nm Pluggable LC Connector 10GbE XCVR	JW091A
X	X	X	X	X	SFP-10GE-LRM 10GBASE-LRM SFP+ 1310nm LC Connector Pluggable 10GbE XCVR	JW090A
X	X	X	X	X	DAC-SFP-10GE-50CM 50cm 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW100A
X	X	X	X	X	DAC-SFP-10GE-1M 1m 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW101A
X	X	X	X	X	DAC-SFP-10GE-3M 3m 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW102A
X	X	X	X	X	DAC-SFP-10GE-5M 5m 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW103A
X	X	X	X	X	DAC-SFP-10GE-7M 7m 10GbE SFP+ Twinax Connectors Direct Attach Cable	JW104A
X	X	X	X	X	Aruba SFP-10GE-ER 10GBASE-ER SFP+ 1310nm LC Connector Pluggable 10GbE XCVR	JW147A
X ¹	X ¹	X ¹	X ¹	X ¹	Aruba 10G SFP+ LC SR 300m OM3 MMF Transceiver	J9150D
X ¹	X ¹	X ¹	X ¹	X ¹	Aruba 10G SFP+ LC LR 10km SMF Transceiver	J9151E
X ¹	X ¹	X ¹	X ¹	X ¹	Aruba 10G SFP+ LC LRM 220m OM2 MMF Transceiver	J9152D
X ¹	X ¹	X ¹	X ¹	X ¹	Aruba 10G SFP+ LC ER 40km SMF Transceiver	J9153D
X ¹	X ¹	X ¹	X ¹	X ¹	Aruba 10G SFP+ to SFP+ 1m Direct Attach Copper Cable	J9281D
X ¹	X ¹	X ¹	X ¹	X ¹	Aruba 10G SFP+ to SFP+ 3m Direct Attach Copper Cable	J9283D
X ¹	X ¹	X ¹	X ¹	X ¹	Aruba 10G SFP+ to SFP+ 7m Direct Attach Copper Cable	J9285D
X	X	X	X	X ²	HPE X142 40G QSFP+ MPO SR4 Transceiver	JH231A
X	X	X	X	X ²	HPE X142 40G QSFP+ LC LR4 SM Transceiver	JH232A
X	X	X	X	X ²	HPE X142 40G QSFP+ MPO eSR4 300M Transceiver	JH233A
X	X	X	X	X ²	HPE X242 40G QSFP+ to QSFP+ 1m Direct Attach Copper Cable	JH234A
X	X	X	X	X ²	HPE X242 40G QSFP+ to QSFP+ 3m Direct Attach Copper Cable	JH235A
X	X	X	X	X ²	HPE X242 40G QSFP+ to QSFP+ 5m Direct Attach Copper Cable	JH236A
X	X	X	X	X ²	HPE FlexNetwork X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable	JG329A
X	X	X	X	X ²	HPE FlexNetwork X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable	JG331A
X	X	X	X	X ²	Aruba 40G QSFP+ LC Bidirectional 150m MMF 2-strand Transceiver	JL308A

Notes:

¹ Default minimum ArubaOS software version is 6.5.3.0 and 8.1.0.0² Minimum ArubaOS software version is 6.5.4.7 and 8.4.0.0

Related Options

For additional information on the Aruba 7200 Series Mobility Controllers please refer to:

- ArubaOS Network Operating System Data Sheet (and licenses)
- https://www.arubanetworks.com/assets/ds/DS_AOS.pdf
- 7200 Series Mobility Controller –
<https://www.arubanetworks.com/products/networking/gateways-and-controllers/7200-series/>
- 7200 Series Ordering Guide - https://www.arubanetworks.com/assets/og/OG_7200Series.pdf

SD-WAN Cloud Subscription Licenses

Remarks	Description	SKU
Notes:	For 7210, 7220, 7240XM models	
	Aruba 72xx Gateway Foundation 10yr Subscription E-STU	ROG61AAE
	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	ROG60AAE
	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	ROG62AAE
	Aruba 72xx Gateway Advanced 10yr Subscription E-STU	ROG63AAE



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

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+

Technical Specifications

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
Dimensions (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
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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