

Overview

Aruba 7200 Series Mobility Controllers

Improved network performance, visibility, and control



Product overview

Aruba 7200 Series Mobility Controllers offer advanced WLAN services for high-performance, high density enterprise requirements. The 7200 Series centralize all control functionality for individual Aruba access points (APs) to improve AP utilization and client roaming. They also improve security by ensuring all traffic is encapsulated in GRE tunnels for complete encryption from AP to Controller.

Ideally suited for large campuses, the 7200 Series enforces centrally-managed policies to ensure a consistent employee and guest experience wherever they connect. They can also be deployed with zero-touch provisioning to simplify deployment.

The 7200 Series runs the ArubaOS™ network operating system, and manages up to 32,728 concurrent users, 2048 access points, and over 2 million active firewall sessions. With up to 80 virtual CPUs, and 100 Gbps of throughput to perform stateful firewall policy enforcement, the controllers are in a class of their own – ideal for the most-demanding enterprises, college campuses, and large public venues.

Key Features

- Support for new 802.11ax (Wi-Fi 6), WPA3, and Enhanced Open- and existing standards
- Patented ClientMatch technology can now group together 802.11ax-capable devices
- Application awareness for 2,600+ applications with no additional hardware
- Built in AI-powered Wireless/RF optimization
- Unifies policy enforcement for WLAN, LAN, and WAN traffic

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 IEEE 802.11ax 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 in the ArubaOS datasheet.

When deployed with the Aruba Mobility Master, the 7200 Series can be joined to a controller cluster to increase scale, improve reliability using enhanced 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 7200 Series also serves a key, policy enforcement role in Aruba's 360 Secure Fabric. For network management, Aruba AirWave provides real-time monitoring, reporting, and Wi-Fi location services.

Overview

Enhanced Capabilities IEEE 802.11ax (Wi-Fi 6) 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.

Stateful Firewall

Enforcement of consistent user, device, and application experience across WLAN, LAN, and WAN. When deployed alongside Aruba ClearPass Policy Manager, policies can automatically be updated to simplify configuration.

Dynamic Segmentation

Each 7200 Series Mobility Controller enforces up-to-date policies from Aruba's ClearPass policy management system. Policies are based on role and applied uniformly across the WLAN and LAN - eliminating the need to configure per-switch ACLs, VLANs, and subnets.

Zero Touch Provisioning

The 7200 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.

Application Visibility and Control

AppRF™ with Deep Packet Inspection (DPI) technology continuously evaluates and optimizes performance and usage policies for over 2,600 applications to ensure the highest possible Quality of Service (QoS) - even for encrypted or hidden traffic.

Web Content Filtering

WebCC is an add-on feature of AppRF™ that classifies websites by content category and as rated by their reputation. Block, apply QoS, bandwidth-limit, mirror, and log web content just like what AppRF does for IP addresses and applications.

Unified Communications and Collaboration (UCC) Dashboard

Visualize and troubleshoot networks based on call quality metrics such as MOS, latency, jitter and packet loss. Supported applications include: Skype for Business®, Wi-Fi Calling, Facetime, SIP, Jabber, Spark and more.

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 firewall support

For advanced malware or antivirus protection, the 7200 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.

Overview

Images



Front: 7210/7220/7240



Front: 7205



Back: 7210/7220/7240



Back: 7205



Front: 7280



Back: 7280

Configuration

7205 Ordering Guide

Step 1: Select the appropriate 7205 Chassis

Description	Part Number
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

Description	Part Number
PC-AC-ARG Argentina 220V AC 10A 2-meter AC Power Cord	JW113A
PC-AC-AUS Australian AC Power Cord	JW114A
PC-AC-BR Brazil AC Power Cord	JW115A
PC-AC-CHN China AC Power Cord	JW116A
PC-AC-DEN Denmark 220V AC 10A 2-meter AC Power Cord	JW117A
PC-AC-EC Continental European/Schuko AC Power Cord	JW118A
PC-AC-IN India AC Power Cord	JW119A
PC-AC-IL Israel 250V AC 10A 2-meter AC Power Cord	JW120A
PC-AC-IT Italian AC Power Cord	JW121A
PC-AC-JP Japanese AC Power Cord	JW122A
PC-AC-KOR Korea AC Power Cord	JW123A
PC-AC-NA North America AC Power Cord	JW124A
PC-AC-SWI Switzerland 220V AC 10A 2-meter AC Power Cord	JW125A
PC-AC-UK UK AC Power Cord	JW127A

Step 3: Select Transceivers for Combo Ports (Optional)

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

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

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

Description	Part Number
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

Configuration

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

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

Step 5: Spares (Optional)

Description	Part Number
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

Step 6: Available Individual AP licenses

Description	Part Number
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 RFPProtect Per AP License E-LTU	JW474AAE
Aruba LIC-ACR Controller Advanced Cryptography 1 Session License E-LTU	Q9B90AAE
Aruba LIC-ACR-8 Controller Advanced Cryptography 8 Session License E-LTU	JW538AAE
Aruba LIC-ACR-32 Controller Advanced Cryptography 32 Session E-LTU	JW539AAE
Aruba LIC-ACR-64 Controller Advanced Cryptography 64 Session License E-LTU	JW540AAE
Aruba LIC-ACR-128 Controller Advanced Cryptography 128 Session License E-LTU	JW541AAE
Aruba LIC-ACR-256 Controller Advanced Cryptography 256 Session License E-LTU	JW542AAE
Aruba LIC-ACR-512 Controller Advanced Cryptography 512 Session License E-LTU	JW543AAE
Aruba LIC-ACR-1024 Controller Advanced Cryptography 1024 Session License E-LTU	JW544AAE
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

NOTE: For each AP attached to the controller the minimal configuration is 1xLIC-AP per AP.

Step 7: Bundled AP license

Description	Part Number
Aruba LIC-ENT Enterprise (LIC-AP LIC-PEF LIC-RFP and LIC-AW) License Bundle E-LTU	JW471AAE

NOTE: Configure these as at least one per AP connected to the controller

- 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

Step 8: PEFV License

Description	Part Number
Aruba LIC-7205-PEFV Controller Policy Enforcement Firewall for Aruba 7205 Cntrlr License E-LTU	JW499AAE

NOTE: This license enables firewall services on a per controller basis for VPN termination such as Aruba VIA and IAP-VPN

7210 Ordering Guide

Configuration

Step 1: Select the appropriate 7210 Chassis

Description	Part Number
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 (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

Description	Part Number
PC-AC-ARG Argentina 220V AC 10A 2-meter AC Power Cord	JW113A
PC-AC-AUS Australian AC Power Cord	JW114A
PC-AC-BR Brazil AC Power Cord	JW115A
PC-AC-CHN China AC Power Cord	JW116A
PC-AC-DEN Denmark 220V AC 10A 2-meter AC Power Cord	JW117A
PC-AC-EC Continental European/Schuko AC Power Cord	JW118A
PC-AC-IN India AC Power Cord	JW119A
PC-AC-IL Israel 250V AC 10A 2-meter AC Power Cord	JW120A
PC-AC-IT Italian AC Power Cord	JW121A
PC-AC-JP Japanese AC Power Cord	JW122A
PC-AC-KOR Korea AC Power Cord	JW123A
PC-AC-NA North America AC Power Cord	JW124A
PC-AC-SWI Switzerland 220V AC 10A 2-meter AC Power Cord	JW125A
PC-AC-UK UK AC Power Cord	JW127A
PC-AC-ZA South Africa 250V AC 10A 2-meter AC Power Cord	JW128A

Step 3: Select Transceivers for Combo Ports (Optional)

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

NOTE: There are 2 combo ports on 7210 10/100/1000 or SFP

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

Description	Part Number
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

Configuration

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

NOTE: There are 4 GbE/10GbE SFP/SFP+ ports on the 7210

Step 5: Add Redundant Power Supply Unit (Optional)

Description	Part Number
Aruba PSU-350-AC 7200 Series S3500-24T S3500-48T and S3500-24F 350W AC Power Supply	JW657A
Aruba PSU-350-DC 7200 Series Mobility Controllers 350W DC (-48V DC) Power Supply	JW658A

NOTE: Must match chassis type (AC or DC power)

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

Description	Part Number
PC-AC-ARG Argentina 220V AC 10A 2-meter AC Power Cord	JW113A
PC-AC-AUS Australian AC Power Cord	JW114A
PC-AC-BR Brazil AC Power Cord	JW115A
PC-AC-CHN China AC Power Cord	JW116A
PC-AC-DEN Denmark 220V AC 10A 2-meter AC Power Cord	JW117A
PC-AC-EC Continental European/Schuko AC Power Cord	JW118A
PC-AC-IN India AC Power Cord	JW119A
PC-AC-IL Israel 250V AC 10A 2-meter AC Power Cord	JW120A
PC-AC-IT Italian AC Power Cord	JW121A
PC-AC-JP Japanese AC Power Cord	JW122A
PC-AC-KOR Korea AC Power Cord	JW123A
PC-AC-NA North America AC Power Cord	JW124A
PC-AC-SWI Switzerland 220V AC 10A 2-meter AC Power Cord	JW125A
PC-AC-UK UK AC Power Cord	JW127A
PC-AC-ZA South Africa 250V AC 10A 2-meter AC Power Cord	JW128A

Step 7: Spares (Optional)

Description	Part Number
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 HW-7200-FT 7200 Series Fan Tray	JW111A
Aruba SPR-ESBLNK 7200 Series Expansion Slot Blank Panel	JW112A

Step 8: Available Individual AP Licenses

Description	Part Number
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-ACR Controller Advanced Cryptography 1 Session License E-LTU	Q9B90AAE
Aruba LIC-ACR-8 Controller Advanced Cryptography 8 Session License E-LTU	JW538AAE

Configuration

Aruba LIC-ACR-32 Controller Advanced Cryptography 32 Session E-LTU	JW539AAE
Aruba LIC-ACR-64 Controller Advanced Cryptography 64 Session License E-LTU	JW540AAE
Aruba LIC-ACR-128 Controller Advanced Cryptography 128 Session License E-LTU	JW541AAE
Aruba LIC-ACR-256 Controller Advanced Cryptography 256 Session License E-LTU	JW542AAE
Aruba LIC-ACR-512 Controller Advanced Cryptography 512 Session License E-LTU	JW543AAE
Aruba LIC-ACR-1024 Controller Advanced Cryptography 1024 Session License E-LTU	JW544AAE
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

NOTE: For each AP attached to the controller the minimal configuration is 1xLIC-AP per AP.

Step 9: Bundled AP Licenses

Description

Aruba LIC-ENT Enterprise (LIC-AP LIC-PEF LIC-RFP and LIC-AW) License Bundle E-LTU

Part Number

JW471AAE

NOTE: Configure these as at least one per AP connected to the controller

- 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

Step 10: PEFV License

Description

Aruba LIC-7210-PEFV Controller Policy Enforcement Firewall for Aruba 7210 Cntrlr License E-LTU

Part Number

JW500AAE

NOTE: This license enables firewall services on a per controller basis for VPN termination such as Aruba VIA and IAP-VPN

7220 Ordering Guide

Step 1: Select the appropriate 7220 Chassis

Description

Description	Part Number
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

Configuration

Description	Part Number
PC-AC-ARG Argentina 220V AC 10A 2-meter AC Power Cord	JW113A
PC-AC-AUS Australian AC Power Cord	JW114A
PC-AC-BR Brazil AC Power Cord	JW115A
PC-AC-CHN China AC Power Cord	JW116A
PC-AC-DEN Denmark 220V AC 10A 2-meter AC Power Cord	JW117A
PC-AC-EC Continental European/Schuko AC Power Cord	JW118A
PC-AC-IN India AC Power Cord	JW119A
PC-AC-IL Israel 250V AC 10A 2-meter AC Power Cord	JW120A
PC-AC-IT Italian AC Power Cord	JW121A
PC-AC-JP Japanese AC Power Cord	JW122A
PC-AC-KOR Korea AC Power Cord	JW123A
PC-AC-NA North America AC Power Cord	JW124A
PC-AC-SWI Switzerland 220V AC 10A 2-meter AC Power Cord	JW125A
PC-AC-UK UK AC Power Cord	JW127A
PC-AC-ZA South Africa 250V AC 10A 2-meter AC Power Cord	JW128A

Step 3: Select Transceivers for Combo Ports (Optional)

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

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

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

Description	Part Number
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

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

Step 5: Add Redundant Power Supply Unit (Optional)

Description	Part Number
Aruba PSU-350-AC 7200 Series S3500-24T S3500-48T and S3500-24F 350W AC Power Supply	JW657A
Aruba PSU-350-DC 7200 Series Mobility Controllers 350W DC (-48V DC) Power Supply	JW658A

NOTE: Must match chassis type (AC or DC power)

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

Description	Part Number
PC-AC-ARG Argentina 220V AC 10A 2-meter AC Power Cord	JW113A
PC-AC-AUS Australian AC Power Cord	JW114A
PC-AC-BR Brazil AC Power Cord	JW115A

Configuration

PC-AC-CHN China AC Power Cord	JW116A
PC-AC-DEN Denmark 220V AC 10A 2-meter AC Power Cord	JW117A
PC-AC-EC Continental European/Schuko AC Power Cord	JW118A
PC-AC-IN India AC Power Cord	JW119A
PC-AC-IL Israel 250V AC 10A 2-meter AC Power Cord	JW120A
PC-AC-IT Italian AC Power Cord	JW121A
PC-AC-JP Japanese AC Power Cord	JW122A
PC-AC-KOR Korea AC Power Cord	JW123A
PC-AC-NA North America AC Power Cord	JW124A
PC-AC-SWI Switzerland 220V AC 10A 2-meter AC Power Cord	JW125A
PC-AC-UK UK AC Power Cord	JW127A
PC-AC-ZA South Africa 250V AC 10A 2-meter AC Power Cord	JW128A

Step 7: Spares (Optional)

Description	Part Number
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 HW-7200-FT 7200 Series Fan Tray	JW111A
Aruba SPR-ESBLNK 7200 Series Expansion Slot Blank Panel	JW112A

Step 8: Available Individual AP Licenses

Description	Part Number
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-ACR Controller Advanced Cryptography 1 Session License E-LTU	Q9B90AAE
Aruba LIC-ACR-8 Controller Advanced Cryptography 8 Session License E-LTU	JW538AAE
Aruba LIC-ACR-32 Controller Advanced Cryptography 32 Session E-LTU	JW539AAE
Aruba LIC-ACR-64 Controller Advanced Cryptography 64 Session License E-LTU	JW540AAE
Aruba LIC-ACR-128 Controller Advanced Cryptography 128 Session License E-LTU	JW541AAE
Aruba LIC-ACR-256 Controller Advanced Cryptography 256 Session License E-LTU	JW542AAE
Aruba LIC-ACR-512 Controller Advanced Cryptography 512 Session License E-LTU	JW543AAE
Aruba LIC-ACR-1024 Controller Advanced Cryptography 1024 Session License E-LTU	JW544AAE
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

NOTE: For each AP attached to the controller the minimal configuration is 1xLIC-AP per AP.

Step 9: Bundled AP Licenses

Description	Part Number
Aruba LIC-ENT Enterprise (LIC-AP LIC-PEF LIC-RFP and LIC-AW) License Bundle E-LTU	JW471AAE

NOTE: Configure these as at least one per AP connected to the controller

- 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

Configuration

Step 10: PEFV License

Description	Part Number
Aruba LIC-7220-PEFV Controller Policy Enforcement Firewall for Aruba 7220 Cntrlr License E-LTU	JW501AAE
NOTE: This license enables firewall services on a per controller basis for VPN termination such as Aruba VIA and IAP-VPN	

7240XM Ordering Guide

Step 1: Select the appropriate 7240XM Chassis

Description	Part Number
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

Description	Part Number
PC-AC-ARG Argentina 220V AC 10A 2-meter AC Power Cord	JW113A
PC-AC-AUS Australian AC Power Cord	JW114A
PC-AC-BR Brazil AC Power Cord	JW115A
PC-AC-CHN China AC Power Cord	JW116A
PC-AC-DEN Denmark 220V AC 10A 2-meter AC Power Cord	JW117A
PC-AC-EC Continental European/Schuko AC Power Cord	JW118A
PC-AC-IN India AC Power Cord	JW119A
PC-AC-IL Israel 250V AC 10A 2-meter AC Power Cord	JW120A
PC-AC-IT Italian AC Power Cord	JW121A
PC-AC-JP Japanese AC Power Cord	JW122A
PC-AC-KOR Korea AC Power Cord	JW123A
PC-AC-NA North America AC Power Cord	JW124A
PC-AC-SWI Switzerland 220V AC 10A 2-meter AC Power Cord	JW125A

Configuration

PC-AC-UK UK AC Power Cord	JW127A
PC-AC-ZA South Africa 250V AC 10A 2-meter AC Power Cord	JW128A

Step 3: Select Transceivers for Combo Ports (Optional)

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

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

Description	Part Number
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

Step 5: Add Redundant Power Supply Unit (Optional)

Description	Part Number
Aruba PSU-350-AC 7200 Series S3500-24T S3500-48T and S3500-24F 350W AC Power Supply	JW657A
Aruba PSU-350-DC 7200 Series Mobility Controllers 350W DC (-48V DC) Power Supply	JW658A

NOTE: Must match chassis type (AC or DC power)

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

Description	Part Number
PC-AC-ARG Argentina 220V AC 10A 2-meter AC Power Cord	JW113A
PC-AC-AUS Australian AC Power Cord	JW114A
PC-AC-BR Brazil AC Power Cord	JW115A
PC-AC-CHN China AC Power Cord	JW116A
PC-AC-DEN Denmark 220V AC 10A 2-meter AC Power Cord	JW117A
PC-AC-EC Continental European/Schuko AC Power Cord	JW118A
PC-AC-IN India AC Power Cord	JW119A
PC-AC-IL Israel 250V AC 10A 2-meter AC Power Cord	JW120A
PC-AC-IT Italian AC Power Cord	JW121A
PC-AC-JP Japanese AC Power Cord	JW122A
PC-AC-KOR Korea AC Power Cord	JW123A
PC-AC-NA North America AC Power Cord	JW124A
PC-AC-SWI Switzerland 220V AC 10A 2-meter AC Power Cord	JW125A
PC-AC-UK UK AC Power Cord	JW127A
PC-AC-ZA South Africa 250V AC 10A 2-meter AC Power Cord	JW128A

Step 7: Spares (Optional)

Description	Part Number
-------------	-------------

Configuration

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 HW-7200-FT 7200 Series Fan Tray	JW111A
Aruba SPR-ESBLNK 7200 Series Expansion Slot Blank Panel	JW112A

Step 8: Available Individual AP Licenses

Description	Part Number
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-ACR Controller Advanced Cryptography 1 Session License E-LTU	Q9B90AAE
Aruba LIC-ACR-8 Controller Advanced Cryptography 8 Session License E-LTU	JW538AAE
Aruba LIC-ACR-32 Controller Advanced Cryptography 32 Session E-LTU	JW539AAE
Aruba LIC-ACR-64 Controller Advanced Cryptography 64 Session License E-LTU	JW540AAE
Aruba LIC-ACR-128 Controller Advanced Cryptography 128 Session License E-LTU	JW541AAE
Aruba LIC-ACR-256 Controller Advanced Cryptography 256 Session License E-LTU	JW542AAE
Aruba LIC-ACR-512 Controller Advanced Cryptography 512 Session License E-LTU	JW543AAE
Aruba LIC-ACR-1024 Controller Advanced Cryptography 1024 Session License E-LTU	JW544AAE
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

NOTE: For each AP attached to the controller the minimal configuration is 1xLIC-AP per AP.

Step 9: Bundled AP Licenses

Description	Part Number
Aruba LIC-ENT Enterprise (LIC-AP LIC-PEF LIC-RFP and LIC-AW) License Bundle E-LTU	JW471AAE

NOTE: Configure these as at least one per AP connected to the controller

- 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

Step 10: PEFV License

Description	Part Number
Aruba LIC-7240-PEFV Controller Policy Enforcement Firewall for Aruba 7240 Cntrlr License E-LTU	JW502AAE

NOTE: This license enables firewall services on a per controller basis for VPN termination such as Aruba VIA and IAP-VPN

7280 Ordering Guide

Step 1: Select the appropriate 7280 Chassis

Description	Part Number
Aruba 7280 (US) 2x40GbE and 8x10GBASE-X (SFP+) Controller	JX910A

Configuration

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

Description	Part Number
PC-AC-ARG Argentina 220V AC 10A 2-meter AC Power Cord	JW113A
PC-AC-AUS Australian AC Power Cord	JW114A
PC-AC-BR Brazil AC Power Cord	JW115A
PC-AC-CHN China AC Power Cord	JW116A
PC-AC-DEN Denmark 220V AC 10A 2-meter AC Power Cord	JW117A
PC-AC-EC Continental European/Schuko AC Power Cord	JW118A
PC-AC-IN India AC Power Cord	JW119A
PC-AC-IL Israel 250V AC 10A 2-meter AC Power Cord	JW120A
PC-AC-IT Italian AC Power Cord	JW121A
PC-AC-JP Japanese AC Power Cord	JW122A
PC-AC-KOR Korea AC Power Cord	JW123A
PC-AC-NA North America AC Power Cord	JW124A
PC-AC-SWI Switzerland 220V AC 10A 2-meter AC Power Cord	JW125A
PC-AC-UK UK AC Power Cord	JW127A
PC-AC-ZA South Africa 250V AC 10A 2-meter AC Power Cord	JW128A

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

Description	Part Number
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

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

Step 4: Select 40 GBE Transceivers and DAC Cables (Optional)

Description	Part Number
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

Configuration

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 X140 40G QSFP+ LC BiDi 100m MM Campus-Transceiver	JH678A
HPE FlexNetwork X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable	JG329A
HPE X240 40G QSFP+ to 4x10G SFP+ 3m Direct Attach Copper Campus-Cable	JH700A
HPE FlexNetwork X240 40G QSFP+ to 4x10G SFP+ 5m Direct Attach Copper Splitter Cable	JG331A

NOTE: There are 2 40GbE QSFP+ ports on the 7280

Step 5: Add Redundant Power Supply Unit (Optional)

Description	Part Number
PSU-550-AC 550W AC Power Supply	JZ012A

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

Description	Part Number
PC-AC-ARG Argentina 220V AC 10A 2-meter AC Power Cord	JW113A
PC-AC-AUS Australian AC Power Cord	JW114A
PC-AC-BR Brazil AC Power Cord	JW115A
PC-AC-CHN China AC Power Cord	JW116A
PC-AC-DEN Denmark 220V AC 10A 2-meter AC Power Cord	JW117A
PC-AC-EC Continental European/Schuko AC Power Cord	JW118A
PC-AC-IN India AC Power Cord	JW119A
PC-AC-IL Israel 250V AC 10A 2-meter AC Power Cord	JW120A
PC-AC-IT Italian AC Power Cord	JW121A
PC-AC-JP Japanese AC Power Cord	JW122A
PC-AC-KOR Korea AC Power Cord	JW123A
PC-AC-NA North America AC Power Cord	JW124A
PC-AC-SWI Switzerland 220V AC 10A 2-meter AC Power Cord	JW125A
PC-AC-UK UK AC Power Cord	JW127A
PC-AC-ZA South Africa 250V AC 10A 2-meter AC Power Cord	JW128A

Step 7: Spares (Optional)

Description	Part Number
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

Step 8: Available Individual Licenses

Description	Part Number
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) License Bundle E-LTU	JW471AAE
Aruba LIC-ACR-8 Controller Advanced Cryptography 8 Session License E-LTU	JW538AAE
Aruba LIC-ACR-32 Controller Advanced Cryptography 32 Session E-LTU	JW539AAE
Aruba LIC-ACR-64 Controller Advanced Cryptography 64 Session License E-LTU	JW540AAE
Aruba LIC-ACR-128 Controller Advanced Cryptography 128 Session License E-LTU	JW541AAE
Aruba LIC-ACR-256 Controller Advanced Cryptography 256 Session License E-LTU	JW542AAE
Aruba LIC-ACR-512 Controller Advanced Cryptography 512 Session License E-LTU	JW543AAE
Aruba LIC-ACR-1024 Controller Advanced Cryptography 1024 Session License E-LTU	JW544AAE

Configuration

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

NOTE: 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
-

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	1,000,000	2,015,291	2,015,291	2,015,291	2,015,291
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
Concurrent Tunneled Ports	4,096	8,192	12,288	16,384	16,384
Firewall throughput (Gbps)	12	20	40	40	100
Wired Bridged Throughput (Gbps)	12	20	40	40	100
Encrypted throughput 3DES (Gbps)	5	7	27	29	57
Encrypted throughput AES-CBC-256 (Gbps)	5	7	24	31	46
Encrypted throughput AES-CCM (Gbps)	5	6	22	29	79
Encrypted throughput AES-GCM-256 (Gbps)	5	7	26	35	80
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	-

Technical Specifications

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	micro USB, RJ45	micro USB, RJ45	micro 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

Environmentals

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

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				

Service and Warranty Information

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

Summary of Changes

Date	Version History	Action	Description of Change
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	Created	Document creation.



Sign up for updates



© Copyright 2018 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

To learn more, visit: <http://www.hpe.com/networking>

c05272677 - 15695 - Worldwide - V5 - 03-December-2018