HPE Aruba Networking 7200 series mobility controllers

Improved network performance, visibility, and control

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

HPE Aruba Networking 7200 Series Mobility Controllers enhance WLAN performance for high-performance, high-density enterprise requirements. The 7200 Series centralizes all control functionality for individual HPE Aruba Networking 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.

Simple and secure access

The HPE Aruba Networking 7200 Series serves a key role in Dynamic Segmentation, providing HPE Aruba Networking'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 HPE Aruba Networking Operating System 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 HPE Aruba Networking 7200 Series provides connectivity for up to 32,728 concurrent users or client devices, 2,048 access points and over 2 million active firewall sessions. With up to 80 virtual CPUs and 100Gbps of maximum throughput to perform HPE Aruba Networking Policy Enforcement Firewall (PEF) features, the 7200 Series are in a class of their own—ideal for the most demanding enterprise, college, and large public venue requirements.

- For enhanced resiliency and availability, the 7200 Series can be clustered together in a

Front: 7205

Back: 7205

Front: 7210/7220/7240/7240XM

Back: 7210/7220/7240/7240XM

Front: 7280

Back: 7210/7220/7240/7240XM

network managed by HPE Aruba Networking Mobility Conductor.

24x7 Mission—critical networking

HPE Aruba Networking's unique, patented wireless technologies are based on AI-powered machine learning algorithms and integrated directly into HPE Aruba NetworkingOS. HPE Aruba Networking Adaptive Radio Management, HPE Aruba Networking AirMatch and HPE Aruba Networking 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.

HPE Aruba Networking RFP 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 HPE Aruba Networking's software features on the HPE Aruba Networking Operating System datasheet.

When deployed with the HPE Aruba Networking Mobility Conductor, 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 HPE Aruba Networking's 360 Secure Fabric. For network management, HPE Aruba Networking [Legacy] Management Software provides real-time monitoring, reporting and Wi-Fi location services.

Learn more about the 7200 Series Mobility Controller features in the HPE Aruba Networking Operating System datasheet.

SD-WAN deployment

For organizations that are now managing multiple WAN connections, the HPE Aruba Networking 7200 Series can be connected to HPE Aruba Networking's SD-WAN fabric right out of the box. SD-WAN is a rich WAN management solution 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

HPE Aruba Networking'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 HPE Aruba NetworkingOS, HPE Aruba Networking Central, and HPE Aruba Networking [Legacy] Management Software, IT can visualize call quality metrics such as MOS, latency, jitter, and packet loss for additional insight.

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 HPE Aruba Networking'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 7200 Series can enforce per-user and device roles across wired and wireless networks by integrating with HPE Aruba Networking NAC. 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 HPE Aruba Networking Controller Policy Enforcement Firewall License, wired and wireless user and application traffic can be tunneled to a stateful firewall on the 7200 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

Enabled by the Controller Policy Enforcement Firewall Licenses, application visibility with Deep Packet Inspection (DPI) technology evaluates and optimizes performance and Quality of Service (QoS) 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 7200 Series can be factory-shipped and deployed onsite with cloud-based HPE Aruba Networking Activate. For network-specific requirements, settings can be applied based on hierarchical configuration.

Integrated VPN services

With support for IPSec/SSL VPNs, HPE Aruba Networking Remote Access Points (RAPs) and HPE Aruba Networking VIA, VPN users can establish encrypted sessions without any additional hardware required.

Third-party security integration

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.

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					
10G Ports (10G or 1G supported)	2xSFP+	4xSFP+	4xSFP+	4xSFP+	8xSFP+

Interfaces and indicators

Features	7205	7210	7220	7240XM	7280
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, RJ-45	Mini USB, RJ-45	Mini USB, RJ-45	Mini USB, RJ-45	Micro USB, RJ-45
Out-of-band management port	Yes	No	No	No	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"x17.38" x13.13")	(H) 4.4 cmx(W) 44.5 cmx(D) 44.5 cm (1.75"x17.5"x17.5")			(H) 4.4 cm x (W) 44.2 cm x (D) 40.1 cm (1.73"x17.40" x15.79")
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)

Environmental range

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		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	-5o to +55C	-5o to +55C	-5o to +55C
Cooling	Internal fan (Air flow rear to front)	Internal fan (Air flow rear to front)	819 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)

Regulatory and safety compliance

Features	7205	7210	7220	7240XM	7280
Regulatory SKU information	ARCN7205	ARCN0100	ARCN0101	ARCN0102	ARCN7280
Minimum HPE Aruba NetworkingOS 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

Ordering information

Part number	Description
HPE Aruba Networking 7205 Series mobility controllers	
JW735A	HPE Aruba Networking 7205 (RW) 2-port 10GBASE-X (SFP+) Controller
JW736A	HPE Aruba Networking 7205 (US) 2-port 10GBASE-X (SFP+) Controller
JW737A	HPE Aruba Networking 7205 (JP) 2-port 10GBASE-X (SFP+) Controller
JY852A	HPE Aruba Networking 7205 (EG) 2x 10GBASE-X SFP+ Controller
JW738A	HPE Aruba Networking 7205 (IL) FIPS/TAA—compliant 2-port 10GBASE-X (SFP+) Controller
JW739A	HPE Aruba Networking 7205 (RW) FIPS/TAA—compliant 2-port 10GBASE-X (SFP+) Controller
JW740A	HPE Aruba Networking 7205 (US) FIPS/TAA—compliant 2-port 10GBASE-X (SFP+) Controller
JW741A	HPE Aruba Networking 7205 (JP) FIPS/TAA—compliant 2-port 10GBASE-X (SFP+) Controller
JW742A	HPE Aruba Networking 7205 (IL) FIPS/TAA—compliant 2-port 10GBASE-X (SFP+) Controller
HPE Aruba Networking 7210 Series mobility controllers	
JW743A	HPE Aruba Networking 7210 (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller
JW744A	HPE Aruba Networking 7210 (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller
JY853A	HPE Aruba Networking 7210 (EG) 4x 10GBase-X SFP/SFP+Controller
JW645A	HPE Aruba Networking 7210DC (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr
JW646A	HPE Aruba Networking 7210DC (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr
JW745A	HPE Aruba Networking 7210 (RW) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller
JW746A	HPE Aruba Networking 7210 (US) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller
JW747A	HPE Aruba Networking 7210 (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller
JW647A	HPE Aruba Networking 7210DC (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr
JW748A	HPE Aruba Networking 7210 (IL) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP)
JW749A	HPE Aruba Networking 7210 (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller
JW648A	HPE Aruba Networking 7210DC (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr
JW750A	HPE Aruba Networking 7210 (JP) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller
R6M40A	HPE Aruba Networking 7210 (RU) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000 BASE-T or SFP) Gateway

Ordering information

Part number	Description
HPE Aruba Networking 7220 Series mobility controllers	
JW751A	HPE Aruba Networking 7220 (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller
JW752A	HPE Aruba Networking 7220 (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller
JW649A	HPE Aruba Networking 7220DC (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr
JW650A	HPE Aruba Networking 7220DC (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr
JW753A	HPE Aruba Networking 7220 (RW) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller
JW754A	HPE Aruba Networking 7220 (US) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP)
JW755A	HPE Aruba Networking 7220 (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller
JW651A	HPE Aruba Networking 7220DC (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr
JW756A	HPE Aruba Networking 7220 (IL) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP)
JW757A	HPE Aruba Networking 7220 (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller
JW652A	HPE Aruba Networking 7220DC (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) 350W DC Pwr Cntrlr
JW758A	HPE Aruba Networking 7220 (JP) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP)
HPE Aruba Networking 7240XM Series mobility controllers	
JW784A	HPE Aruba Networking 7240XM (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller
JW830A	HPE Aruba Networking 7240XM (US) FIPS/TAA 16GB DRAM 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller
JY854A	HPE Aruba Networking 7240XM (EG) 4x 10GBase-x SFP/SFP+Controller
JW675A	HPE Aruba Networking 7240XMDC (US) 16GB DRAM 4p 10GBase-X/SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr
JW783A	HPE Aruba Networking 7240XM (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller
JW829A	HPE Aruba Networking 7240XM (RW) FIPS/TAA 16GB DRAM 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller
JW674A	HPE Aruba Networking 7240XMDC (RW) 16GB DRAM 4p 10GBase-X/SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr
JW786A	HPE Aruba Networking 7240XM (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller
JW832A	HPE Aruba Networking 7240XM (IL) FIPS/TAA 16GB DRAM 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller
JW677A	HPE Aruba Networking7240XMDC (IL) 16GB DRAM 4p 10GBase-X/SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr

Ordering information

Part number	Description
HPE Aruba Networking 7240XM Series mobility controllers	
JW785A	HPE Aruba Networking 7240XM (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller
JW831A	HPE Aruba Networking 7240XM (JP) FIPS/TAA 16GB DRAM 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Controller
JW676A	HPE Aruba Networking 7240XMDC (JP) 16GB DRAM 4p 10GBase-X/SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr
R8W28A	HPE Aruba Networking 7240XMDC (EG) 16GB DRAM 4p 10GBase-X/SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr
HPE Aruba Networking 7240 to 7240XM Series upgrades	
JW834A	HPE Aruba Networking 7240XM (US) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade
JW838A	HPE Aruba Networking 7240XM (US) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade
JW842A	HPE Aruba Networking 7240XMDC (US) 4p 10GBase-X/SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr 16GB Upgrade
JW833A	HPE Aruba Networking 7240XM (RW) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade
JW837A	HPE Aruba Networking 7240XM (RW) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade
JW841A	HPE Aruba Networking 7240XMDC (RW) 4p 10GBase-X/SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr 16GB Upgrade
JW836A	HPE Aruba Networking 7240XM (IL) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade
JW840A	HPE Aruba Networking 7240XM (IL) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade
JW844A	HPE Aruba Networking 7240XMDC (IL) 4p 10GBase-X /SFP+ 2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr 16GB Upgrade
JW835A	HPE Aruba Networking 7240XM (JP) 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade
JW839A	HPE Aruba Networking 7240XM (JP) FIPS/TAA 4p 10GBase-X (SFP+) 2p Dual Pers (10/100/1000BASE-T or SFP) Cntrlr 16GB Upgrade
JW843A	HPE Aruba Networking 7240XMDC (JP) 4p 10GBase-X/SFP+2p Dual Pers (10/100/1000 or SFP) DC Pwr Cntrlr 16GB Upgrade
HPE Aruba Networking 7280 Series mobility controllers	
JX910A	HPE Aruba Networking 7280 (US) 2x40GbE and 8x10GBASE-X (SFP+) Controller
JX911A	HPE Aruba Networking 7280 (RW) 2x40GbE and 8x10GBASE-X (SFP+) Controller

Ordering information

Part number	Description
HPE Aruba Networking 7280 Series mobility controllers	
JX912A	HPE Aruba Networking 7280 (JP) 2x40GbE and 8x10GBASE-X (SFP+) Controller
JX913A	HPE Aruba Networking 7280 (IL) 2x40GbE and 8x10GBASE-X (SFP+) Controller
JX914A	HPE Aruba Networking 7280 (US) FIPS/TAA—compliant 2x40GbE and 8x10GBASE-X (SFP+) Controller
JX915A	HPE Aruba Networking 7280 (RW) FIPS/TAA—compliant 2x40GbE and 8x10GBASE-X (SFP+) Controller
JX916A	HPE Aruba Networking 7280 (JP) FIPS/TAA—compliant 2x40GbE and 8x10GBASE-X (SFP+) Controller
JX917A	HPE Aruba Networking 7280 (IL) FIPS/TAA—compliant 2x40GbE and 8x10GBASE-X (SFP+) Controller
JZ077A	HPE Aruba Networking 7280 (EG) 2x40GbE and 8x10GBASE-X (SFP+) Controller
JZ078A	HPE Aruba Networking 7280 (EG) FIPS/TAA—compliant 2x40GbE and 8x10GBASE-X (SFP+) Controller
Controller accessories	
HPE Aruba Networking 7205/7280 Series wall/rack mount	
JW083A	HPE Aruba Networking SPR-WL2-MNT 7205/7280—Wall/Rack Mount
HPE Aruba Networking 7210/7220/7240/7240XM Series wall/rack mount	
JW109A	HPE Aruba Networking SPR-WL-MNT 7210/7220/7240/7240XM—Wall/Rack Mount
HPE Aruba Networking 7210/7220/7240/7240XM redundant power supplies and fan tray	
JW657A	HPE Aruba Networking PSU-350-AC 7200 Series S3500-24T S3500-48T and S3500-24F 350W AC Power Supply
JW658A	HPE Aruba Networking PSU-350-DC 7200 Series Mobility Controllers 350W DC (-48V DC) Power Supply
JW111A	HPE Aruba Networking HW-7200-FT 7200 Series Fan Tray
HPE Aruba Networking 7280 redundant power supply and fan tray	
JZ012A	PSU-550-AC 550W AC Power Supply
JZ013A	HPE Aruba Networking HW-7280-FT 7280 Series Fan Tray

Ordering information

Part number		7205	7210	7220	7240XM	7280
Transceivers						
JW149A	SFP-EX 1000BASE-EX LC SFP XCVR	X	X	X	X	X
JW150A	SFP-ZX 1000BASE-ZX LC SFP XCVR	X	X	X	X	

X: Supported transceiver

Ordering information

Part number		7205	7210	7220	7240XM	7280
Transceivers						
J4859D	HPE Aruba Networking 1G SFP LC LX 10km SMF Transceiver	X[1]	X[1]	X[1]	X[1]	X[1]
J4858D	HPE Aruba Networking 1G SFP LC SX 500m OM2 MMF Transceiver	X[1]	X[1]	X[1]	X[1]	X[1]
J4860D	HPE Aruba Networking 1G SFP LC LH 70km SMF Transceiver	X[2]	X[2]	X[2]	X[2]	X[2]
J8177D	HPE Aruba Networking 1G SFP RJ45 T 100m Cat5e Transceiver	X[1]	X[1]	X[1]	X[1]	X[1]
JW148A	SFP-10GE-ZR 10G LC Cnctr SFP+XCVR	X	X	X	X	X
J9150D	HPE Aruba Networking 10G SFP+LC SR 300m OM3 MMF Transceiver	X[1]	X[1]	X[1]	X[1]	X[1]
J9151E	HPE Aruba Networking 10G SFP+ LC LR 10km SMF Transceiver	X[1]	X[1]	X[1]	X[1]	X[1]
J9152D	HPE Aruba Networking 10G SFP+ LC LRM 220m OM2 MMF Transceiver	X[1]	X[1]	X[1]	X[1]	X[1]
J9153D	HPE Aruba Networking 10G SFP+LC ER 40km SMF Transceiver	X[1]	X[1]	X[1]	X[1]	X[1]
JL745A	HPE Aruba Networking 1G SFP LC SX 500m MMF TAA XCVR	X[3]	X[3]	X[3]	X[3]	X[3]
JL746A	HPE Aruba Networking 1G SFP LC LX 10km SMF TAA XCVR	X[3]	X[3]	X[3]	X[3]	X[3]
JL747A	HPE Aruba Networking 1G SFP RJ45 T 100m Cat5e TAA XCVR	X[3]	X[3]	X[3]	X[3]	X[3]
JL748A	HPE Aruba Networking 10G SFP+LC SR 300m MMF TAA XCVR	X[3]	X[3]	X[3]	X[3]	X[3]
JL749A	HPE Aruba Networking 10G SFP+LC LR 10km SMF TAA XCVR	X[3]	X[3]	X[3]	X[3]	X[3]
J9281D	HPE Aruba Networking 10G SFP+to SFP+ 1m DAC Cable	X[1]	X[1]	X[1]	X[1]	X[1]
J9283D	HPE Aruba Networking 10G SFP+to SFP+3m DAC Cable	X[1]	X[1]	X[1]	X[1]	X[1]
J9285D	HPE Aruba Networking 10G SFP+to SFP+7m DAC Cable	X[1]	X[1]	X[1]	X[1]	X[1]
JH231A	HPE X142 40G QSFP+MPO SR4 Transceiver					X[1]
JH232A	HPE X142 40G QSFP+LC LR4 SM Transceiver					X[1]
JH233A	HPE X142 40G QSFP+MPO eSR4 300M XCVR					X[1]
JH234A	HPE X242 40G QSFP+to QSFP+1m DAC Cable					X[1]
JH235A	HPE X242 40G QSFP+to QSFP+3m DAC Cable					X[1]
JH236A	HPE X242 40G QSFP+to QSFP+5m DAC Cable					X[1]

X: Supported transceiver

[1] Default minimum HPE Aruba Networking Operating System software version is 6.5.3.0 and 8.1.0.0

[2] Minimum HPE Aruba Networking Operating System software version is 6.5.4.7 and 8.4.0.0

[3] Minimum HPE Aruba Networking Operating System software version is 8.1.0.0

Ordering information

Part number		7205	7210	7220	7240XM	7280
Transceivers						
JH678A	HPE X140 40G QSFP+LC BiDi 150m MM C-TRX					X[1]
JH700A	HPE X240 QSFP+4x10G SFP+DAC Reman C-Cbl					X[1]
JG329A	HPE X240 QSFP+4x10G SFP+1m DAC Cable					X[1]
JG331A	HPE X240 QSFP+4x10G SFP+5m DAC Cable					X[1]
JH231A	HPE X142 40G QSFP+MPO SR4 Transceiver					X[1]
JH232A	HPE X142 40G QSFP+LC LR4 SM Transceiver					X[1]
JH233A	HPE X142 40G QSFP+MPO eSR4 300M XCVR					X[1]
JH234A	HPE X242 40G QSFP+to QSFP+ 1m DAC Cable					X[1]
JH235A	HPE X242 40G QSFP+to QSFP+3m DAC Cable					X[1]
JH236A	HPE X242 40G QSFP+to QSFP+5m DAC Cable					X[1]
JL308A	HPE Aruba Networking 40G QSFP+LC BiDi 150m MMF XCVR					X[1]

X: Supported transceiver

[1] Default minimum HPE Aruba Networking Operating System software version is 6.5.3.0 and 8.1.0.0

[2] Minimum HPE Networking Operating System software version is 6.5.4.7 and 8.4.0.0

[3] Minimum HPE Aruba Networking Operating System software version is 8.1.0.0

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

- HPE Aruba Networking Operating System Network Operating System Data Sheet (and licenses)
- 7200 Series Data Sheet
- 7200 Series Ordering Guide
- SD-WAN Data Sheet (and licenses)

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