

ORDERING GUIDE

ARUBA 7000 SERIES MOBILITY CONTROLLERS

ARUBA 7010 SERIES MOBILITY CONTROLLER

1. SELECT THE APPROPRIATE 7010 CHASSIS

Part Number	Description
JW678A	Aruba 7010 (RW) 16p 150W PoE+ 10/100/1000BASE-T 1G BASE-X SFP 32 AP and 2K Clients Controller
JW679A	Aruba 7010 (US) 16p 150W PoE+ 10/100/1000BASE-T 1G BASE-X SFP 32 AP and 2K Clients Controller
JW680A	Aruba 7010(IL) 16p 150W PoE+ 10/100/1000BASE-T 1G BASE-X SFP 32 for AP and 2K Clients Controller
JW681A	Aruba 7010 (JP) 16p 150W PoE+ 10/100/1000BASE-T 1G BASE-X SFP for 32 AP and 2K Clients Controller
JY850A	Aruba 7010 (EG) 16x 1000BASE-T + 2x SFP Ports 32 AP Branch Controller
JW702A	Aruba 7010 (EG) 16x 1000BASE-T + 2x SFP Ports 32 AP Branch Controller
JW702A	Aruba 7010 (RW) FIPS/TAA 16p 150W PoE+ 10/100/1000BASE-T 1GBASE-X SFP 32 AP and 2K Clnts Controller
JW703A	Aruba 7010 (US) FIPS/TAA 16p 150W PoE+ 10/100/1000BASE-T 1GBASE-X SFP 32 AP and 2K Clnts Controller
JW704A	Aruba 7010 (IL) FIPS/TAA 16p 150W PoE+ 10/100/1000BASE-T 1G BASE-X SFP 32 AP and 2K Clnts Controller
JW705A	Aruba 7010 (JP) FIPS/TAA 16p 150W PoE+ 10/100/1000BASE-T 1GBASE-X SFP 32 AP and 2K Clnts Controller

2. SELECT AC POWER CORD

Part Number	Description
JW113A	PC-AC-ARG Argentina 220V AC 10A 2-meter AC Power Cord
JW114A	PC-AC-AUS Australian AC Power Cord
JW115A	PC-AC-BR Brazil AC Power Cord
JW116A	PC-AC-CHN China AC Power Cord
JW117A	PC-AC-DEN Denmark 220V AC 10A 2-meter AC Power Cord
JW118A	PC-AC-EC Continental European/Schuko AC Power Cord
JW119A	PC-AC-IN India AC Power Cord
JW120A	PC-AC-IL Israel 250V AC 10A 2-meter AC Power Cord
JW121A	PC-AC-IT Italian AC Power Cord
JW122A	PC-AC-JP Japanese AC Power Cord
JW123A	PC-AC-KOR Korea AC Power Cord
JW124A	PC-AC-NA North America AC Power Cord
JW125A	PC-AC-SWI Switzerland 220V AC 10A 2-meter AC Power Cord
S0P44A	PC-AC-TH AC Power Cord (Thailand) 250V/10A 1.8m C13 to TIS 166-2549
JW126A	PC-AC-TW AC Power Cord (Taiwan) 125V/7A 1.8m C13 to CNS 10917
JW127A	PC-AC-UK UK AC Power Cord
JW128A	PC-AC-ZA South Africa 250V AC 10A 2-meter AC Power Cord

3. SPARE MOUNT KIT

Part Number	Description
JW085A	Aruba 7010-MNT-19 7010 Series Replacement 19-inch Rack Mounting Kit



ARUBA 7030 SERIES MOBILITY CONTROLLER

1. SELECT THE APPROPRIATE 7030 CHASSIS

Part Number	Description
JW686A	Aruba 7030 (RW) 8p Dual Pers 10/100/1000BASE-T/1GBASE-X SFP 64 AP and 4K Clients Controller
JW687A	Aruba 7030 (US) 8p Dual Pers 10/100/1000BASE-T/1GBASE-X SFP 64 AP and 4K Clients Controller
JW688A	Aruba 7030 (IL) 8p Dual Pers 10/100/1000BASE-T/1GBASE-X SFP 64 AP and 4K Clients Controller
JW689A	Aruba 7030 (JP) 8p Dual Pers 10/100/1000BASE-T/1GBASE-X SFP 64 AP and 4K Clients Controller
JY851A	Aruba 7030 (EG) 8x 1000BASE-T or 8xSFP64 AP Branch Controller
JW710A	Aruba 7030 (RW) FIPS/TAA 8p Dual Pers 10/100/1000BASE-T/1GBASE-X SFP 64 AP and 4K Clnts Controller
JW711A	Aruba 7030 (US) FIPS/TAA 8p Dual Pers 10/100/1000BASE-T/1GBASE-X SFP 64 AP and 4K Clnts Controller
JW712A	Aruba 7030 (IL) FIPS/TAA 8p Dual Pers 10/100/1000BASE-T 1GBASE-X SFP 64 AP and 4K Clnts Controller
JW713A	Aruba 7030 (JP) FIPS/TAA 8p Dual Pers 10/100/1000BASE-T/1GBASE-X SFP 64 AP and 4K Clnts Controller

2. SELECT AC POWER CORD FOR MAIN POWER SUPPLY FOR AC POWERED UNITS

Part Number	Description
JW113A	PC-AC-ARG Argentina 220V AC 10A 2-meter AC Power Cord
JW114A	PC-AC-AUS Australian AC Power Cord
JW115A	PC-AC-BR Brazil AC Power Cord
JW116A	PC-AC-CHN China AC Power Cord
JW117A	PC-AC-DEN Denmark 220V AC 10A 2-meter AC Power Cord
JW118A	PC-AC-EC Continental European/Schuko AC Power Cord
JW119A	PC-AC-IN India AC Power Cord
JW120A	PC-AC-IL Israel 250V AC 10A 2-meter AC Power Cord
JW121A	PC-AC-IT Italian AC Power Cord
JW122A	PC-AC-JP Japanese AC Power Cord
JW123A	PC-AC-KOR Korea AC Power Cord
JW124A	PC-AC-NA North America AC Power Cord
JW125A	PC-AC-SWI Switzerland 220V AC 10A 2-meter AC Power Cord
S0P44A	PC-AC-TH AC Power Cord (Thailand) 250V/10A 1.8m C13 to TIS 166-2549
JW126A	PC-AC-TW AC Power Cord (Taiwan) 125V/7A 1.8m C13 to CNS 10917
JW127A	PC-AC-UK UK AC Power Cord
JW128A	PC-AC-ZA South Africa 250V AC 10A 2-meter AC Power Cord

3. MOUNT (OPTIONAL)

Part Number	Description
JW086A	Aruba 7030-MNT-19 7030 Series Replacement 19-inch Rack Mounting Kit



MOBILITY CONTROLLER DEPLOYMENT

The Aruba 7000 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 7000 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.

MOBILITY CONTROLLER LICENSES	
Part Number	Description
JW472AAE	Aruba LIC-AP Controller per AP Capacity License E-LTU
JW473AAE	Aruba LIC-PEF Controller Policy Enforcement Firewall Per AP License E-LTU
JW474AAE	Aruba LIC-RFP Controller RFProtect Per AP License E-LTU
JW471AAE	Aruba LIC-ENT Enterprise (LIC-AP LIC-PEF LIC-RFP and LIC-AW) License Bundle E-LTU
Q9B90AAE	Aruba LIC-ACR Controller Advanced Cryptography 1 Session License E-LTU
JY028AAE	Aruba Controller Web Content Classification 1 Year Subscription E-STU
JY029AAE	Aruba Controller Web Content Classification 3 Year Subscription E-STU
JY030AAE	Aruba Controller Web Content Classification 5 Year Subscription E-STU
JY031AAE	Aruba Controller Web Content Classification 7 Year Subscription E-STU
JY032AAE	Aruba Controller Web Content Classification 10 Year Subscription E-STU
Q9B90AAE	Aruba Adv Crypto 1 Session Lic E-LTU
JW495AAE	Aruba PEF VIA Lic for 7005 Cntrlr E-LTU
JY342AAE	Aruba PEF VIA Lic for 7008 Cntrlr E-LTU
JW496AAE	Aruba PEF VIA Lic for 7010 Cntrlr E-LTU
JW497AAE	Aruba PEF VIA Lic for 7024 Cntrlr E-LTU
JW498AAE	Aruba PEF VIA Lic for 7030 Cntrlr E-LTU
JZ148AAE	Aruba LIC-VIA Per User License E-LTU

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.

Note: 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, LICVIA supports centralized licensing and can be managed by Mobility Conductor or a Conductor Controller in AOS 8.x deployment.



SD-WAN DEPLOYMENT

For 7000 Series deployments that support the SD-WAN use case, please refer to the [SD-Branch Ordering Guide](#).

ARUBA 7000 SERIES MOBILITY CONTROLLER TRANSCEIVER SUPPORT

Part Number	Description	7010	7030
JW087A	Aruba 1000BASE-LX LC Connector SFP XCVR	X	X
JW088A	Aruba 1000BASE-SX LC Connector SFP XCVR	X	X
JW089A	Aruba 1000BASE-T RJ45 Connector SFP XCVR	X	X
JW149A	SFP-EX 1000BASE-EX LC SFP XCVR	X	X
JW150A	SFP-ZX 1000BASE-ZX LC SFP XCVR	X	X
J4859D	Aruba 1G SFP LC LX 10km SMF Transceiver	X ¹	X ¹
J4858D	Aruba 1G SFP LC SX 500m OM2 MCRF Transceiver	X ¹	X ¹
J4860D	Aruba 1G SFP LC LH 70km SMF Transceiver	X ²	X ²
J8177D	Aruba 1G SFP RJ-45 T 100m Cat5e Transceiver	X ¹	X ¹
JL745A	Aruba 1G SFP LC SX 500m MMF TAA XCVR	X ³	X ³
JL746A	Aruba 1G SFP LC LX 10km SMF TAA XCVR	X ³	X ³
JL747A	Aruba 1G SFP RJ45 T 100m Cat5e TAA XCVR	X ³	X ³

X: Supported transceiver

¹Default minimum ArubaOS software version is 6.5.3.0 and 8.1.0.0

²Minimum ArubaOS software version is 6.5.4.7 and 8.4.0.0

³Minimum ArubaOS software version is 8.4.0.0

ACCESSORIES FOR 7005 AND 7008 CONTROLLERS

Accessories for 7005 and 7008 Controllers are orderable although the controllers themselves are end of sale.

7005 ACCESSORIES	
Power Cord Part Number	Description
JX989A	AP-AC-12V30A 12V/30W AC/DC Desktop Style 1.7/4.0/9.5mm Circular 90 Deg Plug DoE Level VI Adapter
R3J99A	12V/36W AC/DC power adapter type A
Rack Mount Part Number	Description
JW084A	Aruba 7005-MNT-19 7005 Series 19-inch Rack Mount Kit



7008 ACCESSORIES	
Power Cord Part Number	Description
JW113A	PC-AC-ARG Argentina 220V AC 10A 2-meter AC Power Cord
JW114A	PC-AC-AUS Australian AC Power Cord
JW115A	PC-AC-BR Brazil AC Power Cord
JW116A	PC-AC-CHN China AC Power Cord
JW117A	PC-AC-DEN Denmark 220V AC 10A 2-meter AC Power Cord
JW118A	PC-AC-EC Continental European/Schuko AC Power Cord
JW119A	PC-AC-IN India AC Power Cord
JW120A	PC-AC-IL Israel 250V AC 10A 2-meter AC Power Cord
JW121A	PC-AC-IT Italian AC Power Cord
JW122A	PC-AC-JP Japanese AC Power Cord
JW123A	PC-AC-KOR Korea AC Power Cord
JW124A	PC-AC-NA North America AC Power Cord
JW125A	PC-AC-SWI Switzerland 220V AC 10A 2-meter AC Power Cord
JW127A	PC-AC-UK UK AC Power Cord
JW128A	PC-AC-ZA South Africa 250V AC 10A 2-meter AC Power Cord
Rack Mount Kit Part Number	Description
JX934A	Aruba 7008-MNT-19 7008 Series 19-inch Rack Mount Kit