

Excellent Signal: -50 dBm to -60 dBm
Good Signal: -60 dBm to -70 dBm
Fair Signal: -70 dBm to -80 dBm
Weak Signal: -80 dBm to -90 dBm
Very Weak Signal: -90 dBm and below

## Cisco C9500-40X-E 40-Port 10G Switch Quatity: 2



OS2 LC to LC Fiber Optic Patch Cable Single Mode Duplex 9/125 SMF Yellow 1M-15M. 100Gbps AOI QSFP+ 40G-LR4 Lite 4xCWDM Daul LC SMF AQOLBCQ4EDMA0878

Cisco QSFP-40G-SR-BD 40GBASE-SR BiDi QSFP Transceivers 10-2945-02 OM4 LC to ST Fiber Optic Patch Cable Multimode Duplex Aqua 50/125 LC ST 1M-15M 40Gbps









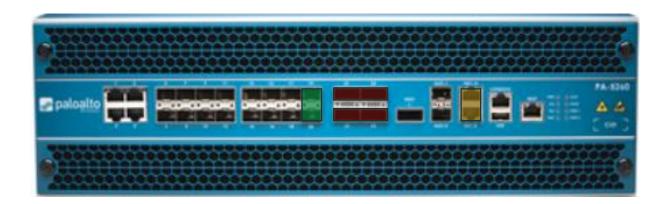
MDFs NGFW





IDFs

# Palo Alto PA-5220 Next-Generation Firewall VPN Gateway



OS2 LC to LC Fiber Optic Patch Cable Single Mode Duplex 9/125 SMF Yellow 1M-15M. 100Gbps AOI QSFP+ 40G-LR4 Lite 4xCWDM Daul LC SMF AQOLBCQ4EDMA0878

OPTIONAL HA PAIR
PORTS
Would require
Ethernet cable
installed

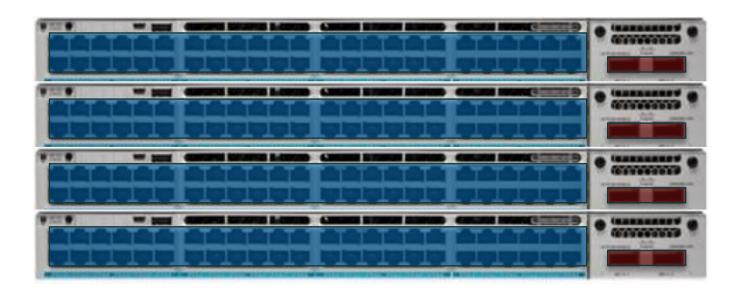








### Cisco C9300 48U-A



Cisco QSFP-40G-SR-BD 40GBASE-SR BiDi QSFP Transceivers 10-2945-02 OM4 LC to ST Fiber Optic Patch Cable Multimode Duplex Aqua 50/125 LC ST 1M-15M 40Gbps Cisco Catalyst 9300 2-Port 40GbE QSFP+ Network Module \*8 = 320Gbps = 1.6G per drop



CAT 6 Ethernet Cable Lan Network CAT6 Internet Modem Blue RJ45 Patch Cord





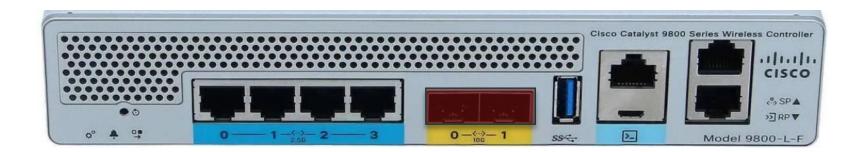








# Cisco C9800-L-C-K9 Catalyst 9800-L Copper Uplink Wireless LAN Controller



#### 10Gtek SFP-10G-SR 10GBase Multi Mode LC Connector





# The recommendations stated here are current as of June 2023, and are periodically updated when appropriate.

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Catalyst 9300	9300L (all models)	17.6.5
		17.9.3
	C9300-24H, C9300-48H, C9300X-48HX	17.6.4
		17.9.3
	C9300X (C9300X-12Y, C9300X-24Y and C9300X-48TX)	17.6.5
		17.9.3
	C9300X (C9300X-24HX)	17.9.3
	C9300 (all other models)	17.6.5
		17.9.3
	C9300LM (all models)	17.9.3
Catalyst 9400	C9400-SUP-1, C9400-SUP-1XL and C9400-SUP-1XL-Y	17.6.5
		17.9.3
	C9400X-SUP2(XL)	17.9.3
Catalyst 9500	C9500 (all models)	17.6.5
		17.9.3
	C9500X (C9500X-28C8D)	17.9.3#
Catalyst 9600	C9600 (C9600-SUP-1)	17.6.5
outdryst 5000	7	17.9.3
		17.5.5
	C9600X-SUP2	17.9.3
	C9000X-30F2	17.5.5
Catalyst 3650	C3650 (all models)	16.12.8*
Catalyst 3850	C3850 (all models)	16.12.8*
Catalyst 3000	C3030 (all filodels)	10.12.0"

# BUGS

Identifier	Headline	Affected Versions (EMR)	Workaround Available	Fixed Version
Cisco bug ID CSCwe54104/CSCwd78924	C9300-24H/C9300-48H switches running 17.6.5 will not provide PoE	17.6.5	No (17.6.5 ES available)	17.6.6(upcoming)
Cisco bug ID CSCwe36743	Segmentation Fault - Crash - SSH - When Changing AAA Group Configs	17.6.3, 17.6.4, 17.6.5	Yes (SMU available)	17.6.6(upcoming)
Cisco bug ID CSCwe54047	9300X-24Y booted as Standalone will Observe packet loss between Inter-ASIC Traffic Flows	17.6.1, 17.6.2, 17.6.3, 17.6.4, 17.9.1, 17.9.2. 17.9.3	Yes	17.6.6 (upcoming)
Cisco bug ID CSCwd17488	C9300 Switches May Encounter Traffic Forwarding Issues With Stack Ports Down on 17.6.4	17.6.4	No (SMU available)	17.6.5
Cisco bug ID CSCwa85525	Memory leak in MallocLite due to growing Smart Agent Memory Utilization	17.6.1a,17.6.2,17.6.3,17.6.4, 17.3.3,17.3.4,17.3.5,17.3.6	No	17.6.5 17.3.7
Cisco bug ID CSCwc54402	Catalyst 9600 ISSU May Fail if FPGA Upgrade Required	17.3.1, 17.3.2a, 17.3.3, 17.3.4 17.6.1, 17.6.2, 17.6.3, 17.6.4, 17.9.1	Yes	17.6.5 17.9.2
Cisco bug ID CSCwa76242	Cat 9200L - 10G Link Flaps at intermittent times when peer is maintained as Nexus 9K	17.3.3, 17.3.4, 17.3.5, 17.6.3	No	17.3.6 17.6.4 17.9.1
Cisco bug ID CSCwa85199	High CPU Utilization and Malloclite memory leak caused by Smart Licensing Agent	17.3.3, 17.3.4, 17.3.5, 17.6.1, 17.6.2, 17.6.3	Yes	17.3.6 17.6.4

## Open Caveats for Cisco IOS XE Dublin 17.11.1

Identifier	Headline
CSCwe38431	Controller is remarking SIP packets from CS3 to CS0 in upstream/downstream when voice cac is configured.
CSCwd96484	Controller is relaoding unexpectedly and regularly generates "wncd" core files.
CSCwe22861	AID leak is observed in Flex Cisco Wave 2 APs.
CSCwe31030	Cisco Catalyst 9105AXW AP: Kernel panic crash is observed.
CSCwe62694	EVENTLIB-3-CPUHOG Traceback is observed.
CSCwd78616	Cisco Catalyst AP9115 Tx power high and abnormal DCA channel assignment due to no neighbors.
CSCwe11747	Cisco Catalyst AX APs are decoding EAP request ID incorrectly.
CSCwe30473	Radio firmware reloads unexpectedly due to a frozen RC queue.
CSCwe49267	Controller is not sending GTK M5 packet to 8821 after FT roaming between wncds.
CSCwe44991	Cisco Catalyst 9105AX AP: Kernel crash is observed.
CSCwe54575	Dell Latitude 5531 Laptops (Wi-Fi 6) are not able to connect.
CSCwd90742	Cisco Catalyst 9120AX AP: Kernel crash is observed.
CSCwe45894	AP is not forwarding IGMPv3 query to wireless clients.
CSCwe54482	Cisco Catalyst 9120 AP is dropping DHCP offer in click. Not forwarding to wireless interface.
CSCwe32005	Cisco Catalyst 9130 AP: Packet loss is observed on Digital Signage device.
CSCwe18012	Crash is observed on standby controller while saving tbl QoS table to standby.
CSCwe45970	Cisco Catalyst 9105 AP is stuck in UBOOT.
CSCwe43294	Cisco Catalyst 9105AXW and Cisco Aironet 1815W: Flex RLAN AP does not apply VLAN in the Ethernet port after AAA VLAN override.
CSCwe45300	Cisco Catalyst 9120 AP: Sending Msg:2 in mode:2 to hostapd failed.
CSCwe50033	Cisco Catalyst 9120AX AP: Clients continuously disconnecting with more than 10 clients using MS TEAMS.
CSCwe61597	One of the WNCD is stuck in 100% high CPU.
CSCwe55390	Cisco Aironet 3802AP buffering UP6/voice traffic~500ms after Spectralinkphone roam causing audioissues.
CSCwe44216	Cisco AP reloads unexpectedly due to kernel panic.

verride.			