



Compatibility List

DANZ Monitoring Fabric Hardware

Version 8.6



Arista.com

Arista Networks

DOC-06959-02

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Supported Software, Controller Hardware, and Switch Hardware

This document summarizes the hardware and software requirements for DANZ Monitoring Fabric (DMF) and lists the supported hardware devices compatible with DMF. This chapter describes the software, controller hardware, and switch hardware supported with the current DMF Release.

1.1 Software Versions Tested with Supported Hardware

The software versions in the following table support the listed hardware (listed in the [Supported Switching Platforms](#) section).

Vendor	Model	Platform Revision	Switch OS Version
Arista	7020SR-24C2	R0	<i>EOS-4.31.3M</i>
Arista	7020SRG-24C2	R0	<i>EOS-4.31.3M</i>
Arista	7020SR-32C2	R0	<i>EOS-4.31.3M</i>
Arista	7020TR-48	R0	<i>EOS-4.31.3M</i>
Arista	7020TRA-48	R0	<i>EOS-4.31.3M</i>
Arista	7050CX3-32C	R0	SWL-OS-DMF-8.6.0 (0)
Arista	7050CX3-32S	R0	SWL-OS-DMF-8.6.0 (0)
Arista	7050SX3-48C8	R0	SWL-OS-DMF-8.6.0 (0)
Arista	7050SX3-48C8C	R0	SWL-OS-DMF-8.6.0 (0)
Arista	7050SX3-48YC8	R0	SWL-OS-DMF-8.6.0 (0)
Arista	7050SX3-48YC8C	R0	SWL-OS-DMF-8.6.0 (0)
Arista	7050SX3-48YC12	R0	SWL-OS-DMF-8.6.0 (0)
Arista	7050SX3-96YC8	R0	SWL-OS-DMF-8.6.0 (0)
Arista	7050TX3-48C8	R0	SWL-OS-DMF-8.6.0 (0)
Arista	7260CX3-64	R0	SWL-OS-DMF-8.6.0 (0)
Arista	7260CX3-64E	R0	SWL-OS-DMF-8.6.0 (0)
Arista	7280CR-48	R0	<i>EOS-4.31.3M</i>
Arista	7280CR2-60	R0	<i>EOS-4.31.3M</i>
Arista	7280CR2A-30	R0	<i>EOS-4.31.3M</i>
Arista	7280CR2K-30	R0	<i>EOS-4.31.3M</i>
Arista	7280CR2A-60	R0	<i>EOS-4.31.3M</i>
Arista	7280CR2M-30	R0	<i>EOS-4.31.3M</i>
Arista	7280CR3-32D4	R0	<i>EOS-4.31.3M</i>
Arista	7280CR3-32D4-M	R0	<i>EOS-4.31.3M</i>
Arista	7280CR3-32P4	R0	<i>EOS-4.31.3M</i>
Arista	7280CR3-32P4-M	R0	<i>EOS-4.31.3M</i>
Arista	7280CR3-36S	R0	<i>EOS-4.31.3M</i>
Arista	7280CR3-96	R0	<i>EOS-4.31.3M</i>
Arista	7280CR3K-32D4	R0	<i>EOS-4.31.3M</i>
Arista	7280CR3K-32D4A	R0	<i>EOS-4.31.3M</i>
Arista	7280CR3K-32P4	R0	<i>EOS-4.31.3M</i>
Arista	7280CR3K-32P4A	R0	<i>EOS-4.31.3M</i>
Arista	7280CR3K-36A	R0	<i>EOS-4.31.3M</i>
Arista	7280CR3K-36S	R0	<i>EOS-4.31.3M</i>

Vendor	Model	Platform Revision	Switch OS Version
Arista	7280CR3K-96	R0	<i>EOS-4.31.3M</i>
Arista	7280CR3MK-32D4	R0	<i>EOS-4.31.3M</i>
Arista	7280CR3MK-32D4S	R0	<i>EOS-4.31.3M</i>
Arista	7280CR3MK-32P4	R0	<i>EOS-4.31.3M</i>
Arista	7280CR3MK-32P4S	R0	<i>EOS-4.31.3M</i>
Arista	7280DR3-24	R0	<i>EOS-4.31.3M</i>
Arista	7280DR3-24-M	R0	<i>EOS-4.31.3M</i>
Arista	7280DR3A-36	R0	<i>EOS-4.31.3M</i>
Arista	7280DR3AK-36	R0	<i>EOS-4.31.3M</i>
Arista	7280DR3AK-36S	R0	<i>EOS-4.31.3M</i>
Arista	7280DR3A-54	R0	<i>EOS-4.31.3M</i>
Arista	7280DR3AK-54	R0	<i>EOS-4.31.3M</i>
Arista	7280DR3AM-36	R0	<i>EOS-4.31.3M</i>
Arista	7280DR3AM-54	R0	<i>EOS-4.31.3M</i>
Arista	7280DR3K-24	R0	<i>EOS-4.31.3M</i>
Arista	7280PR3-24	R0	<i>EOS-4.31.3M</i>
Arista	7280PR3-24-M	R0	<i>EOS-4.31.3M</i>
Arista	7280PR3K-24	R0	<i>EOS-4.31.3M</i>
Arista	7280QR-C36	R0	<i>EOS-4.31.3M</i>
Arista	7280QR-C36-M	R0	<i>EOS-4.31.3M</i>
Arista	7280QR-C72	R0	<i>EOS-4.31.3M</i>
Arista	7280QR-C72-M	R0	<i>EOS-4.31.3M</i>
Arista	7280QRA-C36S	R0	<i>EOS-4.31.3M</i>
Arista	7280QRA-C36S-M	R0	<i>EOS-4.31.3M</i>
Arista	7280SR-48C6	R0	<i>EOS-4.31.3M</i>
Arista	7280SR-48C6-M	R0	<i>EOS-4.31.3M</i>
Arista	7280SR2-48YC6	R0	<i>EOS-4.31.3M</i>
Arista	7280SR2-48YC6-M	R0	<i>EOS-4.31.3M</i>
Arista	7280SR2A-48YC6	R0	<i>EOS-4.31.3M</i>
Arista	7280SR2A-48YC6-M	R0	<i>EOS-4.31.3M</i>
Arista	7280SR2K-48C6-M	R0	<i>EOS-4.31.3M</i>
Arista	7280SR3-40YC6	R0	<i>EOS-4.31.3M</i>
Arista	7280SR3E-40YC6	R0	<i>EOS-4.31.3M</i>
Arista	7280SR3-48YC8	R0	<i>EOS-4.31.3M</i>

Vendor	Model	Platform Revision	Switch OS Version
Arista	7280SR3K-48YC8	R0	<i>EOS-4.31.3M</i>
Arista	7280SR3K-48YC8A	R0	<i>EOS-4.31.3M</i>
Arista	7280SR3M-48YC8	R0	<i>EOS-4.31.3M</i>
Arista	7280SRA-48C6	R0	<i>EOS-4.31.3M</i>
Arista	7280SRA-48C6-M	R0	<i>EOS-4.31.3M</i>
Arista	7280SRAM-48C6	R0	<i>EOS-4.31.3M</i>
Arista	7280SRM-40CX2	R0	<i>EOS-4.31.3M</i>
Arista	7280TR3-40C6	R0	<i>EOS-4.31.3M</i>
Arista	7280TR-48C6	R0	<i>EOS-4.31.3M</i>
Arista	7280TR-48C6-M	R0	<i>EOS-4.31.3M</i>
Arista	7280TRA-48C6	R0	<i>EOS-4.31.3M</i>
Arista	7280TRA-48C6-M	R0	<i>EOS-4.31.3M</i>
Arista	7804-CH	R0	<i>EOS-4.31.3M</i>
Arista	7808-CH	R0	<i>EOS-4.31.3M</i>
Arista	7812-CH	R0	<i>EOS-4.31.3M</i>
Arista	7816-CH	R0	<i>EOS-4.31.3M</i>

1.2 Supported Switching Platforms

The following chapter lists the information about the different Arista switches and supported hypervisors for the DMF controllers.

1.2.1 Arista Switching Platforms Using SWL-OS

Model	Physical Ports	Breakout Capable Ports	PSU Support	Airflow Support	Max Bandwidth	VXLAN Tunneling Support	Supported Port-Channel	
							Member Interfaces	Resilient Hashing
7050CX3-32C	32 40/100GbE QSFP28 ports, 2 10GbE dual speed SFP+ ports, 1 RJ45 out-of-band management port, 1 RJ45 console port. Note: Port 34 is not supported.	1-32 ^{1,2}	AC (F2B/B2F) / DC (F2B/B2F)	F2B/B2F	3200 Gbps	Yes	32	Yes
7050CX3-32S	32 40/100GbE QSFP28 ports, 2 10GbE dual speed SFP+ ports, 1 RJ45 out-of-band management port, 1 RJ45 console port. Note: Port 34 is not supported.	1-32 ²	AC (F2B/B2F) / DC (F2B/B2F)	F2B/B2F	3200 Gbps	Yes	32	Yes
7050SX3-48C8	48 1/10GbE speed SFP+, ports, 8 40/100GbE QSFP28 ports, 1 RJ45 out-of-band management port, 1 RJ45 console port	49, 53 ²	A(F2B/B2F)/DC (F2B/B2F)	F2B/B2F	1280 Gbps	Yes	32	Yes
7050SX3-48C8C	48 1/10GbE speed SFP+, ports, 8 40/100GbE QSFP28 ports, 1 RJ45 out-of-band management port, 1 RJ45 console port	49, 53 ²	AC (F2B/B2F) / DC (F2B/B2F)	F2B/B2F	1280 Gbps	Yes	32	Yes
7050SX3-48YC8	48 1/10/25GbE speed SFP28 ports, 8 40/100GbE QSFP28 ports, 1 RJ45 out-of-band management port, 1 RJ45 console port.	49, 53 ²	AC(F2B/B2F)/DC (F2B/B2F)	F2B/B2F	2000 Gbps	Yes	32	Yes
7050SX3-48YC8C	48 1/10/25GbE speed SFP28 ports, 8 40/100GbE QSFP28 ports, 1 RJ45 out-of-band management port, 1 RJ45 console port.	49, 53 ²	AC (F2B/B2F) / DC (F2B/B2F)	F2B/B2F	2000 Gbps	Yes	32	Yes
7050SX3-48YC12	48 1/10/25GbE speed SFP28 ports, 12 40/100GbE QSFP28 ports, 1 RJ45 out-of-band management port, 1 RJ45 console port.	49-60 ²	AC(F2B/B2F)/DC (F2B/B2F)	F2B	2400 Gbps	Yes	32	Yes
7050SX3-96YC8	96 1/10/25GbE speed SFP28 ports, 8 40/100GbE QSFP28 ports, 110GbE dual speed SFP+ ports, 1RJ45 out-of-band management port,1 RJ45 console port. Note: port 105 is not supported.	97-104	AC(F2B/B2F)/DC (F2B/B2F)	F2B	3200 Gbps	Yes	64	Yes
7050TX3-48C8	48 1/10GbE speed RJ45 ports, 8 40/100GbE QSFP28 ports, 1 RJ45 out-of-band management port, 1 RJ45 console port.	49, 53 ²	AC(F2B/B2F)/DC (F2B/B2F)	F2B/B2F	1280 Gbps	Yes	32	Yes
7260CX3-64	64 40/100GbE QSFP28 ports, 2 10GbE dual speed SFP+ ports, 1 RJ45 out-of-band management port, 1 RJ45 console port.	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 46, 55, 61	AC(F2B/B2F)/DC (F2B/B2F)	F2B/B2F	6400 Gbps	No	32	Yes
7260CX3-64E	64 40/100GbE QSFP28 ports, 2 10GbE dual speed SFP+ ports, 1 RJ45 out-of-band management port, 1 RJ45 console port.	1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 46, 55, 61	AC(F2B/B2F)/DC (F2B/B2F)	F2B/B2F	6400 Gbps	No	32	Yes

1 Support 4X10G and 4X25G and 2X50G breakout.

2 Support 4X10G and 4X25G breakout. 2X50G breakout will be supported in the future.

1.2.2 Arista Switching Platforms Using EOS

Model	Physical Ports	Platform details	VXLAN Tunneling Support	Supported Port-Channel	
				Member Interfaces	Resilient Hashing
7020SR-24C2	24x10G + 2x100G	https://www.arista.com/en/products/platforms	No	32	No
7020SRG-24C2	24x10G + 2x100G	https://www.arista.com/en/products/platforms	No	32	No
7020SR-32C2	32x10G + 2x100G	https://www.arista.com/en/products/platforms	No	32	No
7020TR-48	48x10G + 6x100G	https://www.arista.com/en/products/platforms	No	32	No
7020TRA-48	48x10G + 6x100G	https://www.arista.com/en/products/platforms	No	32	No
7280CR-48	48x100G + 8x40G	https://www.arista.com/en/products/platforms	No	32	No
7280CR2-60	60x100G	https://www.arista.com/en/products/platforms	No	32	No
7280CR2A-30	30x100G	https://www.arista.com/en/products/platforms	No	32	No
7280CR2K-30	30x100G	https://www.arista.com/en/products/platforms	No	32	No
7280CR2A-60	60x100G	https://www.arista.com/en/products/platforms	No	32	No
7280CR2M-30	30x100G	https://www.arista.com/en/products/platforms	No	32	No
7280CR3-32D4	32x100G + 4x400G	https://www.arista.com/en/products/platforms	No	32	No
7280CR3-32D4-M	32x100G + 4x400G	https://www.arista.com/en/products/platforms	No	32	No
7280CR3-32P4	32x100G + 4x400G	https://www.arista.com/en/products/platforms	No	32	No
7280CR3-32P4-M	32x100G + 4x400G	https://www.arista.com/en/products/platforms	No	32	No
7280CR3-36S	28x100G/6x200G/2x400G	https://www.arista.com/en/products/platforms	No	32	No
7280CR3-96	96x100G	https://www.arista.com/en/products/platforms	No	32	No
7280CR3K-32D4	32x100G + 4x400G	https://www.arista.com/en/products/platforms	No	32	No
7280CR3K-32D4A	32x100G + 4x400G	https://www.arista.com/en/products/platforms	No	32	No
7280CR3K-32P4	32x100G + 4x400G	https://www.arista.com/en/products/platforms	No	32	No
7280CR3K-32P4A	32x100G + 4x400G	https://www.arista.com/en/products/platforms	No	32	No
7280CR3K-36A	36x100G/2x400G	https://www.arista.com/en/products/platforms	No	32	No
7280CR3K-36S	28x100G/6x200G/2x400G	https://www.arista.com/en/products/platforms	No	32	No
7280CR3K-96	96x100G	https://www.arista.com/en/products/platforms	No	32	No
7280CR3MK-32D4	32x100G + 4x400G	https://www.arista.com/en/products/platforms	No	32	No
7280CR3MK-32D4S	32x100G + 4x400G	https://www.arista.com/en/products/platforms	No	32	No
7280CR3MK-32P4	32x100G + 4x400G	https://www.arista.com/en/products/platforms	No	32	No
7280CR3MK-32P4S	32x100G + 4x400G	https://www.arista.com/en/products/platforms	No	32	No
7280DR3-24	24x400G	https://www.arista.com/en/products/platforms	No	32	No
7280DR3-24-M	24x400G	https://www.arista.com/en/products/platforms	No	32	No
7280DR3A-36	36x400G	https://www.arista.com/en/products/platforms	No	32	No
7280DR3AK-36	36x400G	https://www.arista.com/en/products/platforms	No	32	No
7280DR3AK-36S	36x400G	https://www.arista.com/en/products/platforms	No	32	No
7280DR3A-54	54x400G	https://www.arista.com/en/products/platforms	No	32	No
7280DR3AK-54	54x400G	https://www.arista.com/en/products/platforms	No	32	No
7280DR3AM-36	36x400G	https://www.arista.com/en/products/platforms	No	32	No
7280DR3AM-54	54x400G	https://www.arista.com/en/products/platforms	No	32	No
7280DR3K-24	24x400G	https://www.arista.com/en/products/platforms	No	32	No
7280PR3-24	24x400G	https://www.arista.com/en/products/platforms	No	32	No
7280PR3-24-M	24x400G	https://www.arista.com/en/products/platforms	No	32	No
7280PR3K-24	24x400G	https://www.arista.com/en/products/platforms	No	32	No
7280QR-C36	24x40G + 12x100G	https://www.arista.com/en/products/platforms	No	32	No
7280QR-C36-M	24x40G + 12x100G	https://www.arista.com/en/products/platforms	No	32	No
7280QR-C72	72x40G + 16x100G	https://www.arista.com/en/products/platforms	No	32	No
7280QR-C72-M	40x40G + 16x100G	https://www.arista.com/en/products/platforms	No	32	No
7280QRA-C36S	30x40G + 6x100G	https://www.arista.com/en/products/platforms	No	32	No
7280QRA-C36S-M	30x40G + 6x100G	https://www.arista.com/en/products/platforms	No	32	No

Model	Physical Ports	Platform details	VXLAN Tunneling Support	Supported Port-Channel	
				Member Interfaces	Resilient Hashing
7280SR-48C6	48x10G + 6x100G	https://www.arista.com/en/products/platforms	No	32	No
7280SR-48C6-M	48x10G + 6x100G	https://www.arista.com/en/products/platforms	No	32	No
7280SR2-48YC6	48x25G + 6x100G	https://www.arista.com/en/products/platforms	No	32	No
7280SR2-48YC6-M	48x25G + 6x100G	https://www.arista.com/en/products/platforms	No	32	No
7280SR2A-48YC6	48x25G + 8x100G	https://www.arista.com/en/products/platforms	No	32	No
7280SR2A-48YC6-M	48x25G + 8x100G	https://www.arista.com/en/products/platforms	No	32	No
7280SR2K-48C6-M	24x10G + 24x25G + 6x100G	https://www.arista.com/en/products/platforms	No	32	No
7280SR3-40YC6	40x25G + 6x100G	https://www.arista.com/en/products/platforms	No	32	No
7280SR3E-40YC6	40x25G + 6x100G	https://www.arista.com/en/products/platforms	No	32	No
7280SR3-48YC8	48x25G + 8x100G	https://www.arista.com/en/products/platforms	No	32	No
7280SR3K-48YC8	48x25G + 8x100G	https://www.arista.com/en/products/platforms	No	32	No
7280SR3M-48YC8	48x25G + 8x100G	https://www.arista.com/en/products/platforms	No	32	No
7280SRA-48C6	48x25G + 6x100G	https://www.arista.com/en/products/platforms	No	32	No
7280SRA-48C6-M	48x25G + 6x100G	https://www.arista.com/en/products/platforms	No	32	No
7280SRAM-48C6	48x25G + 6x100G	https://www.arista.com/en/products/platforms	No	32	No
7280SRM-40CX2	40x10G + 2x200G	https://www.arista.com/en/products/platforms	No	32	No
7280TR3-40C6	40x10G + 6x100G	https://www.arista.com/en/products/platforms	No	32	No
7280TR-48C6	48x10G + 6x100G	https://www.arista.com/en/products/platforms	No	32	No
7280TR-48C6-M	48x10G + 6x100G	https://www.arista.com/en/products/platforms	No	32	No
7280TRA-48C6	48x10G + 6x100G	https://www.arista.com/en/products/platforms	No	32	No
7280TRA-48C6-M	48x10G + 6x100G	https://www.arista.com/en/products/platforms	No	32	No
7804-CH	4 Line card Chassis	https://www.arista.com/en/products/platforms	No	32	No
7808-CH	8 Line card Chassis	https://www.arista.com/en/products/platforms	No	32	No
7812-CH	12 Line card Chassis	https://www.arista.com/en/products/platforms	No	32	No
7816-CH	16 Line card Chassis	https://www.arista.com/en/products/platforms	No	32	No

1.3 Supported Appliance Data Plane NIC Firmware

The following table lists the data plane NIC firmware for the appliance.

NIC Type	Arista Networks								DCA-DM-SEL	DCA-DM-RA3	DCA-DM-AA3	DCA-DM-AN450
	DMF Controller Node		DMF Service Node				DMF Record Node	DMF Analytics Node				
	DCA-DM-CDL	DCA-DM-CDL	DCA-DM-SC	DCA-DM-SC	DCA-DM-SDL	DCA-DM-SDL	DCA-DM-SEL	DCA-DM-RA3				
Intel 2x X710	N/A	19.5.12	19.5.12	19.5.12	N/A	N/A	N/A	N/A	19.5.12	19.5.12	19.5.12	19.5.12
Intel 4x X710	N/A	N/A	N/A	N/A	N/A	19.5.12	N/A	N/A	N/A	N/A	N/A	N/A
Intel 2x XXV710-V2	N/A	N/A	N/A	N/A	19.5.12	N/A	19.5.12	19.5.12	N/A	N/A	N/A	N/A
Broadcom 2x 57412	21.85.21.92	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

1.4 Supported Hypervisors for the DMF Controller

The DMF controller node supports a Virtual Machine (VM) or an appliance on the following hypervisors and software versions:

Supported Hypervisors	Version
Linux KVM	<i>Ubuntu 16.04</i> <i>Ubuntu 18.04</i> <i>Ubuntu 20.04</i>
VMware ESXi	<i>Version 6.5.0</i> <i>Version 6.7.0</i> <i>Version 7.0.0</i> <i>Version 8.0.0</i>



Note: Arista Networks does not support any other hypervisors or versions for this release.

1.5 Hardware Requirements for DMF Controller VM Deployment

VM performance depends on many other factors, so the recommendation is to select the DMF Controller Node hardware appliance for production deployments.

The following is the minimum hardware required for installing the VM software image on a supported KVM or ESXi version:

- Eight vCPUs with a minimum scheduling of 2 GHz.
- 32 GB of virtual memory.
- 400 GB hard disk.
- One virtual network interface reachable from the physical switches.



Note: Arista Networks does not support any other hypervisors or versions for this release.

Supported Transceivers Cables for DMF Controller and Appliances

The following tables list the compatibility of supported DANZ Monitoring Fabric transceivers.

2.1 DMF Controller, Service, Recorder and Analytics Node

The following tables show the detailed information for different cables and transceivers.

2.1.1 10G-DAC Cables (10GBASE-CR SFP+)

Vendor	Model	Cable Length (m)	Arista Networks						DMF Record Node	DMF Analytics Node		
			DMF Controller Node		DMF Service Node							
			DCA-DM-SEL	DCA-DM-SDL2	DCA-DM-SDL	DCA-DM-SC2	DCA-DM-SC	DCA-DM-SC2				
Arista Networks	CAB-SFP-SFP-1M	1	Y	Y	Y	Y	Y	Y	N	Y	Y	
Arista Networks	CAB-SFP-SFP-2M	2	Y	Y	Y	Y	Y	Y	N	Y	Y	
Arista Networks	CAB-SFP-SFP-3M	3	Y	Y	Y	Y	Y	Y	N	Y	Y	
Arista Networks	CAB-SFP-SFP-5M	5	Y	Y	Y	Y	Y	Y	N	Y	Y	

2.1.2 10G-SR Transceivers (10GBASE-SR SFP+ 850nm, LC connector)

Vendor	Model	Max OM3 MM Fiber Distance (m)	Max OM4 MM Fiber Distance (m)	Arista Networks						DMF Record Node	DMF Analytics Node		
				DMF Controller Node		DMF Service Node							
				DCA-DM-CDL	DCA-DM-CDL	DCA-DM-CDL	DCA-DM-CDL	DCA-DM-CDL	DCA-DM-CDL				
Arista Networks	SFP-10G-SR	82	300	400	Y	N	N	N	Y	N	Y	N	

2.1.3 10G-LR Transceivers (10GBASE-LR SFP+ 1310nm, LC connector)

Vendor	Model	Arista Networks								DMF Recorder node	DMF Analytics Node
		DMF Controller Node				DMF Service Node					
		DCA-DM-SEL	DCA-DM-SEL	DCA-DM-SDL2	DCA-DM-SDL2	DCA-DM-SDL	DCA-DM-SDL	DCA-DM-SC2	DCA-DM-SC2	DCA-DM-SC	DCA-DM-SC
Arista Networks	SFP-10G-LR	10	Y	N	N	Y	N	Y	N	N	N

2.1.4 25G-DAC Cables (25GBASE-CR SFP+)

Vendor	Model	Cable Length (m)	Arista Networks								DMF Recorder Node	DMF Analytics Node
			DMF Controller Node				DMF Service Node					
			DCA-DM-SEL	DCA-DM-SEL	DCA-DM-SDL2	DCA-DM-SDL2	DCA-DM-SDL	DCA-DM-SDL	DCA-DM-SC2	DCA-DM-SC2	DCA-DM-SC	DCA-DM-SC
Arista Networks	CAB-S-S-1M	1	N	N	N	N	N	N	Y	Y	N	N
Arista Networks	CAB-S-S-2M	2	N	N	N	N	N	N	Y	Y	N	N
Arista Networks	CAB-S-S-3M	3	N	N	N	N	N	N	Y	Y	N	N
Arista Networks	CAB-S-S-5M	5	N	N	N	N	N	N	Y	Y	N	N

2.1.5 25G-SR Transceivers (25GBASE-SR SFP+ 850nm, LC connector)

Vendor	Model	Arista Networks								DMF Record Node	DMF Analytics Node
		DMF Controller Node				DMF Service Node					
		DCA-DM-SEL	DCA-DM-SEL	DCA-DM-SDL	DCA-DM-SDL	DCA-DM-SC2	DCA-DM-SC2	DCA-DM-SC	DCA-DM-SC		
Arista Networks	SFP-25G-SR	NA	70	100	N	N	N	N	Y	N	Y

2.1.6 25G-LR Transceivers (25GBASE-LR SFP+ 1310nm, LC connector)

Vendor	Model	Max SM Fiber Distance (km)	Arista Networks						DMF Recorder Node	DMF Analytics Node		
			DMF Controller Node			DMF Service Node						
			DCA-DM-AA3	DCA-DM-RA3	DCA-DM-SEL	DCA-DM-SDL2	DCA-DM-SC2	DCA-DM-SDL				
Arista Networks	SFP-25G-LR	10	N	N	N	N	N	N	Y	Y	N	N

2.1.7 40G-4X10G Breakout DAC Cables (1X QSFP+, 4X SFP+)

Vendor	Model	Cable Length (m)	Arista Networks						DMF Recorder Node	DMF Analytics Node		
			DMF Controller Node			DMF Service Node						
			DCA-DM-AA3	DCA-DM-RA3	DCA-DM-SEL	DCA-DM-SDL2	DCA-DM-SC2	DCA-DM-SDL				
Arista Networks	CAB-Q-S-1M	1	Y ¹	Y ¹	Y ¹	Y ¹	Y ¹	Y ²	N	Y ¹	Y ¹	
Arista Networks	CAB-Q-S-2M	2	Y ¹	Y ¹	Y ¹	Y ¹	Y ¹	Y ²	N	Y ¹	Y ¹	
Arista Networks	CAB-Q-S-3M	3	Y ¹	Y ¹	Y ¹	Y ¹	Y ¹	Y ²	N	Y ¹	Y ¹	
Arista Networks	CAB-Q-S-5M	5	Y ¹	Y ¹	Y ¹	Y ¹	Y ¹	Y ²	N	Y ¹	Y ¹	

1 SFP+ end only

2 4X10G ports on XXV710 NICs

2.1.8 100G-4X25G Breakout DAC Cables (1X QSFP28, 4X SFP28)

Vendor	Model	Cable Length (m)	Arista Networks						DMF Recorder Node	DMF Analytics Node		
			DMF Controller Node			DMF Service Node						
			DCA-DM-AA3	DCA-DM-RA3	DCA-DM-SEL	DCA-DM-SDL2	DCA-DM-SC2	DCA-DM-SDL				
Arista Networks	CAB-Q-4S-100G-1M	1	N	N	N	N	N	N	Y ¹	Y ¹	N	
Arista Networks	CAB-Q-4S-100G-2M	2	N	N	N	N	N	N	Y ¹	Y ¹	N	
Arista Networks	CAB-Q-4S-100G-3M	3	N	N	N	N	N	N	Y ¹	Y ¹	N	
Arista Networks	CAB-Q-4S-100G-5M	5	N	N	N	N	N	N	Y ¹	Y ¹	N	

1 SFP+ end only

Supported Transceivers & Cables for Arista 7280R Series Switches

Given that the 7280R series fabric switches run EOS, refer to the *Arista Transceiver Compatibility and Interoperability Guide* and *Arista Optics Modules and Cables Data Sheet* for optical transceivers and cables supported with Arista 7280R series switches.

- **Arista Transceiver Compatibility and Interoperability Guide**
 - <https://www.arista.com/assets/data/pdf/Transceiver-Guide-v5.pdf>
- **Arista Optics Modules and Cables Data Sheet**
 - <https://www.arista.com/assets/data/pdf/Datasheets/Transceiver-Data-Sheet.pdf>

Supported Transceivers & Cables for Arista 7800 Series Chassis

Given that the 7800 series fabric chassis run EOS, refer to the *Arista Transceiver Compatibility and Interoperability Guide* and *Arista Optics Modules and Cables Data Sheet* for optical transceivers and cables supported with Arista 7800 series chassis.

- **Arista Transceiver Compatibility and Interoperability Guide**
 - <https://www.arista.com/assets/data/pdf/Transceiver-Guide-v5.pdf>
- **Arista Optics Modules and Cables Data Sheet**
 - <https://www.arista.com/assets/data/pdf/Datasheets/Transceiver-Data-Sheet.pdf>

Supported Transceivers & Cables for Arista 7050x3 and 7260x3 Series Switches

This chapter lists the optical transceivers and cables supported with Arista 7050x3 and 7260x3 series fabric switches.

5.1 1G-Copper Transceivers (1GBASE-T SFP, RJ45 connector)

Vendor	Model	Max CAT5 cable length (m)	Arista Networks						7260CX3-64E	7260CX3-34E
			7050TX3-64	7050TX3-34	7050TX3-48C8	7050SX3-48C8	7050SX3-96YC8	7050SX3-48YC12		
Arista Networks	SFP-1G-T	100	Y	Y	Y	Y	Y	N	Y ¹	Y ¹

1 Requires Mellanox MAM1Q00A-QSA or MAM1Q00A-QSA28 adapter on QSFP28 port.

5.2 1G-LX Transceivers (1GBASE-LX SFP 1310nm, LC connector)

Vendor	Model	Max SM Fiber Distance (km)	Arista Networks						7260CX3-34E
			7050SX3-48C8/48C8C	7050SX3-96YC8/96YC8C	7050SX3-48YC8/48YC12	7050SX3-96YC12	7050TX3-48C8/48C8C	7050TX3-96YC8/96YC12	
Arista Networks	SFP-1G-LX ¹	10	Y	Y	Y	Y	Y	N	Y ²

1 Support Digital Optical Monitoring (DOM): Temperature, voltage, and optical levels.

2 Requires Mellanox MAM1Q00A-QSA or MAM1Q00A-QSA28 adapter on QSFP28 port.

5.3 1G-SX Transceivers (1GBASE-SX SFP 850nm, LC connector)

Vendor	Model	Arista Networks							
		7260CX3-64E	7260CX3-64	7260CX3-64	7260TX3-48C8	7050SX3-48C8	7050SX3-96YC8	7050SX3-48YC12	7050SX3-48YC12
Arista Networks	SFP-1G-SX ¹	300	500	Y	Y	Y	Y	Y	Y ²

- 1 Support Digital Optical Monitoring (DOM): Temperature, voltage, and optical levels.
 2 Requires Mellanox MAM1Q00A-QSA or MAM1Q00A-QSA28 adapter on QSFP28 port.

5.4 10G-AOC Cables (10GBASE-SR SFP+850nm)*

Vendor	Model	Arista Networks							
		7260CX3-64E	7260CX3-64	7260CX3-64	7260TX3-48C8	7050SX3-48C8	7050SX3-96YC8	7050SX3-48YC12	7050SX3-48YC12
Arista Networks	AOC-S-S-10G-3M ¹	3	Y	Y	Y	Y	Y	N	Y ²
Arista Networks	AOC-S-S-10G-5M ¹	5	Y	Y	Y	Y	Y	N	Y ²
Arista Networks	AOC-S-S-10G-7M ¹	7	Y	Y	Y	Y	Y	N	Y ²
Arista Networks	AOC-S-S-10G-10M ¹	10	Y	Y	Y	Y	Y	N	Y ²
Arista Networks	AOC-S-S-10G-15M ¹	15	N	Y	N	N	Y	N	Y ²
Arista Networks	AOC-S-S-10G-20M ¹	20	Y	Y	Y	Y	Y	N	Y ²
Arista Networks	AOC-S-S-10G-25M ¹	25	Y	Y	Y	Y	Y	N	Y ²
Arista Networks	AOC-S-S-10G-30M ¹	30	Y	Y	Y	Y	Y	N	Y ²

- 1 Support Digital Optical Monitoring (DOM): Temperature, voltage, and optical levels.
 2 Requires Mellanox MAM1Q00A-QSA or MAM1Q00A-QSA28 adapter on QSFP28 port.

5.5 10G-Copper Transceivers (10GBASE-T SFP, RJ45 connector)

Vendor	Model		Arista Networks						N	γ^3	γ^3
			Max CAT5 cable length (m)	7050SX3-48YC8C	7050SX3-48YC12	7050SX3-96YC8	7050TX3-48C8	7260CX3-64			
Arista Networks	SFP-10G-T ¹	30	Y	Y	Y	Y	Y ²				

- 1 10GBASE-T SFPs support auto-negotiate only at 10Gb/s link speed.
 - 2 Supported on SFP25 ports 1-48 (top two rows), 50-106 (bottom row), with remaining SFP25 ports populated with 2W max non-BASE-T modules. Supported on front-to-rear airflow (-F) models only.
 - 3 Requires Mellanox MAM1Q00A-QSA or MAM1Q00A-QSA28 adapter on QSFP28 port.

5.6 10G-DAC Cables (10GBASE-CR SFP+)

Vendor	Model		Arista Networks							
			Cable length (m)							
Arista Networks	CAB-SFP-SFP-1M	1	Y	Y	Y	Y	Y	N	Y ¹	Y ¹
Arista Networks	CAB-SFP-SFP-2M	2	Y	Y	Y	Y	Y	N	Y ¹	Y ¹
Arista Networks	CAB-SFP-SFP-3M	3	Y	Y	Y	Y	Y	N	Y ¹	Y ¹
Arista Networks	CAB-SFP-SFP-5M	5	Y	Y	Y	Y	Y	N	Y ¹	Y ¹
									7280CX3-64	7280CX3-64E
									7050SX3-48C8	7050SX3-48C8C
									7050SX3-48YC12	7050SX3-48YC12C
									7050SX3-48YC8C8C	7050SX3-48YC8C8C
									7050CX3-32C/32S	7050CX3-32C/32S

- 1 Requires Mellanox MAM1Q00A-QSA or MAM1Q00A-QSA28 adapter on QSFP28 port.

5.7 10G-ER Transceivers (10GBASE-ER SFP+ 1310nm, LC connector)

- 1 Support Digital Optical Monitoring (DOM): Temperature, voltage, and optical levels.
 - 2 Requires Mellanox MAM1Q00A-QSA or MAM1Q00A-QSA28 adapter on QSFP28 port.

5.8 10G-LR Transceivers (10GBASE-LR SFP+ 1310nm, LC connector)

Vendor	Model	Max SM Fiber Distance (km)	Arista Networks						7260CX3-64E
Arista Networks	SFP-10G-LR ¹	10	Y	Y	Y	Y	Y	N	Y ²
Arista Networks	SFP-10G-LRL ¹	1	Y	Y	Y	Y	Y	N	Y ²

1 Support Digital Optical Monitoring (DOM): Temperature, voltage, and optical levels.

2 Requires Mellanox MAM1Q00A-QSA or MAM1Q00A-QSA28 adapter on QSFP28 port.

5.9 10G-SR Transceivers (10GBASE-SR SFP+ 850nm, LC connector)

Vendor	Model	Max OM3/OM4 MM Fiber Distance (m)	Arista Networks						7260CX3-64E
Arista Networks	SFP-10G-SR ¹	300	400	Y	Y	Y	Y	Y	N
Arista Networks	SFP-10G-SRL ¹	100	150	Y	Y	Y	Y	Y	N

1 Support Digital Optical Monitoring (DOM): Temperature, voltage, and optical levels.

2 Requires Mellanox MAM1Q00A-QSA or MAM1Q00A-QSA28 adapter on QSFP28 port.

5.10 25G-AOC Cables (25GBASE-SR SFP+ 850nm)

Vendor	Model	Cable length (m)	Arista Networks						7260CX3-64E	
			7050TX3-64	7050TX3-48C8	7050SX3-96VC8	7050SX3-48YC12	7050SX3-48YC8	7050SX3-32C32S		
Arista Networks	AOC-S-S-25G-3M ^{1,2}	3	N	N	Y	Y	Y	N	Y ³	Y ³
Arista Networks	AOC-S-S-25G-5M ^{1,2}	5	N	N	Y	Y	Y	N	Y ³	Y ³
Arista Networks	AOC-S-S-25G-7M ^{1,2}	7	N	N	Y	Y	Y	N	Y ³	Y ³
Arista Networks	AOC-S-S-25G-10M ^{1,2}	10	N	N	Y	Y	Y	N	Y ³	Y ³
Arista Networks	AOC-S-S-25G-15M ^{1,2}	15	N	N	Y	Y	Y	N	Y ³	Y ³
Arista Networks	AOC-S-S-25G-20M ^{1,2}	20	N	N	Y	Y	Y	N	Y ³	Y ³
Arista Networks	AOC-S-S-25G-25M ^{1,2}	25	N	N	Y	Y	Y	N	Y ³	Y ³
Arista Networks	AOC-S-S-25G-30M ^{1,2}	30	N	N	Y	Y	Y	N	Y ³	Y ³

- 1 Forward-Error-Correction (FEC) is disabled on all 25G-AOC cables by default
 2 Support Digital Optical Monitoring (DOM): Temperature, voltage, and optical levels.
 3 Requires Mellanox MAM1Q00A-QSA or MAM1Q00A-QSA28 adapter on QSFP28 port.

5.11 25G-DAC Cables (25GBASE-CR SFP28)

Vendor	Model	Cable length (m)	Arista Networks						7260CX3-64E	
			7050TX3-64	7050TX3-48C8	7050SX3-96VC8	7050SX3-48YC12	7050SX3-48YC8	7050CX3-32C32S		
Arista Networks	CAB-S-S-25G-1M ¹	1	N	N	Y	Y	Y	N	Y ²	Y ²
Arista Networks	CAB-S-S-25G-2M ¹	2	N	N	Y	Y	Y	N	Y ²	Y ²
Arista Networks	CAB-S-S-25G-3M ¹	3	N	N	Y	Y	Y	N	Y ²	Y ²
Arista Networks	CAB-S-S-25G-5M ¹	5	N	N	Y	Y	Y	N	Y ²	Y ²

- 1 Forward-Error-Correction(FEC) and Auto-Negotiation (AN) are disabled on all 25G-DAC cables by default
 2 Requires Mellanox MAM1Q00A-QSA or MAM1Q00A-QSA28 adapter on QSFP28 port.

5.12 25G-LR Transceivers (25GBASE-LR SFP28 1310nm, LC connector)

Vendor	Model	Max SSM Fiber Distance (km)	Arista Networks						
Arista Networks	SFP-25G-LR ^{1,2}	10	N	N	Y ³	Y ³	Y ³	N	Y ³
Arista Networks	SFP-25G-MR-LR ^{1,2,4}	10	Y ⁵	N	Y ³	Y ³	Y ³	N	Y ³

- 1 Forward-Error-Correction (FEC) is disabled on all 25G-LR cables by default.
- 2 Support Digital Optical Monitoring (DOM): Temperature, voltage, and optical levels.
- 3 Requires Mellanox MAM1Q00A-QSA or MAM1Q00A-QSA28 adapter on QSFP28 port.
- 4 Support 25G and 10G.
- 5 Support 10G on SFP+ ports.

5.13 25G-SR Transceivers (25GBASE-SR SFP28 850nm, LC connector)*

Vendor	Model	Max OM3 MM Fiber Distance (m)	Arista Networks						
Arista Networks	SFP-25G-SR ^{1,2}	NA	70	100	N	N	Y ³	Y ³	N
Arista Networks	SFP-25G-MR-SR ^{1,2,4}	NA	70	100	Y ⁵	N	Y ³	Y ³	N
Arista Networks	SFP-25G-MR-XSR ^{1,2,4}	NA	200	300	Y ⁵	N	Y ³	Y ³	N

- 1 Forward-Error-Correction (FEC) is disabled on all 25G-SR cables by default.
- 2 Support Digital Optical Monitoring (DOM): Temperature, voltage, and optical levels.
- 3 Requires Mellanox MAM1Q00A-QSA or MAM1Q00A-QSA28 adapter on QSFP28 port.
- 4 Support 25G and 10G.
- 5 Support 10G on SFP+ ports.

5.14 40G-AOC Cables (QSFP+)

Vendor	Model	Cable Length (m)	Arista Networks						
Arista Networks	AOC-Q-Q-40G-50M ¹	50	Y	Y	Y	Y	Y	Y	Y

- 1 Support Digital Optical Monitoring (DOM): Temperature, voltage, and optical levels.

5.15 40G-BiDi Transceivers (40GBASE-BiDi QSFP+ 832-918nm, LC connector)

Vendor	Model	Arista Networks							
		7260CX3-64E							
		7260CX3-64							
		7260CX3-64							
Arista Networks	QSFP-40G-SRBD ^{1,2}	100	150	Y	Y	Y	Y	Y	Y
Arista Networks	QSFP-40G-SRBD-R ^{2,3}	100	150	Y	Y	Y	Y	Y	Y

- 1 40G-SRBD optics can't have 4X10-GbE ports in breakout mode.
- 2 Support Digital Optical Monitoring (DOM): Temperature, voltage, and optical levels.
- 3 40G-SRBD-R optics can't have 4X10-GbE ports in breakout mode.

5.16 40G-DAC Cables (40GBASE-CR4 QSFP+)

Vendor	Model	Arista Networks							
		7260CX3-64E							
		7260CX3-64							
		7260CX3-64							
Arista Networks	CAB-Q-Q-1M	1	Y	Y	Y	Y	Y	Y	Y
Arista Networks	CAB-Q-Q-2M	2	Y	Y	Y	Y	Y	Y	Y
Arista Networks	CAB-Q-Q-3M	3	Y	Y	Y	Y	Y	Y	Y
Arista Networks	CAB-Q-Q-5M	5	Y	Y	Y	Y	Y	Y	Y

5.17 40G-LR Transceivers (40GBASE-LR4 QSFP+ 1310nm, LC connector)

Vendor	Model	Max SM Fiber Distance (km)	Arista Networks							
			7260CX3-64E	7260CX3-64	7260CX3-64	7260TX3-64	7260TX3-48C8	7050TX3-48C8	7050SX3-96YC8	7050SX3-96YC8
Arista Networks	QSFP-40G-LR4 ^{1,2}	10	Y	Y	Y	Y	Y	Y	Y	Y
Arista Networks	QSFP-40G-LRL4 ^{1,2}	1	Y	Y	Y	Y	Y	Y	Y	Y

1 40G-LR optics can't have 4X10-GbE ports in breakout mode. 4X10G channels may be created across a single link connecting the two 40G-LR4 optics.

2 Support Digital Optical Monitoring (DOM): Temperature, voltage, and optical levels.

5.18 40G-PLR4 Transceivers (40GBASE-PLR4 QSFP+ 1310nm, MPO connector)

Vendor	Model	Max SM Fiber Distance (km)	Arista Networks							
			7260CX3-64E	7260CX3-64	7260CX3-64	7260TX3-64	7260TX3-48C8	7050TX3-48C8	7050SX3-96YC8	7050SX3-96YC8
Arista Networks	QSFP-40G-PLR4 ^{1,2}	10	Y	Y	Y	Y	Y	Y	Y	Y
Arista Networks	QSFP-40G-PLRL4 ^{1,2}	1	Y	Y	Y	Y	Y	Y	Y	Y

1 40G-PLR optics can 4X10-GbE ports in breakout mode when attaching single-mode MTP to 4XLCK breakout fiber cable.

2 Support Digital Optical Monitoring (DOM): Temperature, voltage, and optical levels.

5.19 40G-SR Transceivers (40GBASE-SR4 QSFP+ 850nm, MPO connector)

Vendor	Model	Max OM3 MM Fiber Distance (m)	Max OMA MM Fiber Distance (m)	Arista Networks							
				7260CX3-64E	7260CX3-64	7260CX3-64	7260TX3-64	7260TX3-48C8	7050TX3-48C8	7050SX3-96YC8	7050SX3-96YC8
Arista Networks	QSFP-40G-SR4 ^{1,2}	100	150	Y	Y	Y	Y	Y	Y	Y	Y

1 40G-SR optics can 4X10-GbE ports in breakout mode when attaching multi-mode MTP to 4XLCK breakout fiber cable.

2 Support Digital Optical Monitoring (DOM): Temperature, voltage, and optical levels.

5.20 40G-UNIV Transceivers (40GBASE-UNIV QSFP+ 1270-1330nm, LC connector)

- 1 40G-UNIV optics can't have 4X10-GbE ports in breakout mode.
 - 2 Support Digital Optical Monitoring (DOM): Temperature, voltage, and optical levels.

5.21 40G-XSR Transceivers (40GBASE-XSR QSFP+ 850nm, LC connector)

- 1 40G-XSR optics can't have 4X10-GbE ports in breakout mode.
 - 2 Support Digital Optical Monitoring (DOM): Temperature, voltage, and optical levels.

5.22 40G-4X10G Breakout DAC Cables (1X QSFP+, 4X SFP+)

5.23 100G-AOC Cables (QSFP28)

Vendor	Model	Arista Networks							
Arista Networks	AOC-Q-Q-100G-1M ^{1,2}	1	Y	Y	Y	Y	Y	Y	Y
Arista Networks	AOC-Q-Q-100G-3M ^{1,2}	3	Y	Y	Y	Y	Y	Y	Y
Arista Networks	AOC-Q-Q-100G-5M ^{1,2}	5	Y	Y	Y	Y	Y	Y	Y
Arista Networks	AOC-Q-Q-100G-7M ^{1,2}	7	Y	Y	Y	Y	Y	Y	Y
Arista Networks	AOC-Q-Q-100G-10M ^{1,2}	10	Y	Y	Y	Y	Y	Y	Y
Arista Networks	AOC-Q-Q-100G-15M ^{1,2}	15	Y	Y	Y	Y	Y	Y	Y
Arista Networks	AOC-Q-Q-100G-20M ^{1,2}	20	Y	Y	Y	Y	Y	Y	Y
Arista Networks	AOC-Q-Q-100G-25M ^{1,2}	25	Y	Y	Y	Y	Y	Y	Y
Arista Networks	AOC-Q-Q-100G-30M ^{1,2}	30	Y	Y	Y	Y	Y	Y	Y

- 1 Forward-Error-Correction (FEC) is enabled on all 100G-AOC cables by default.
 2 Support Digital Optical Monitoring (DOM): Temperature, voltage, and optical levels.

5.24 100G-BiDi Transceivers (100GBASE-BiDi QSFP+ 850-910nm, LC connector)

Vendor	Model	Arista Networks							
Arista Networks	QSFP-100G-SRBD ^{1,2,3}	70	100	Y	Y	Y	Y	Y	Y
		Max OM4 MM Fiber Distance (m)							
		Max OM3 MM Fiber Distance (m)							

- 1 Forward-Error-Correction (FEC) is disabled on all 100G-BiDi optics by default.
 2 100G-SRBD optics can't have 4X25-GbE ports in breakout mode.
 3 Support Digital Optical Monitoring (DOM): Temperature, voltage, and optical levels.

5.25 100G-CWDM4 Transceivers (100GBASE-CWDM4 QSFP28 1271-1331nm, LC connector)

Vendor	Model										
Arista Networks	QSFP-100G-CWDM4 ^{1,2,3}	2	Y	Y	Y	Y	Y	Y	Y	Y	Y

- 1 Forward-Error-Correction (FEC) is enabled on all 100G-CWDM optics by default. 100G-CWDM4 optics can't have 4X10-GbE or 4X25-GbE ports in breakout mode.
- 2 Optic can run at 100-GbE or 40-GbE speed.
- 3 Support Digital Optical Monitoring (DOM): Temperature, voltage, and optical levels.

5.26 100G-DAC Cables (100GBASE-CR4 QSFP28)

Vendor	Model	Cable length (m)	Arista Networks							
			7050CX3-32C/32S	7050SX3-48C8/48C8C	7050SX3-48YC8/48YC8C	7050SX3-48YC12	7050SX3-96YC8	7050TX3-48C8	7050TX3-96YC8	7260CX3-64E
Arista Networks	CAB-Q-Q-100G-0.5M ¹	0.5	Y	Y	Y	Y	Y	Y	Y	Y
Arista Networks	CAB-Q-Q-100G-1M ¹	1	Y	Y	Y	Y	Y	Y	Y	Y
Arista Networks	CAB-Q-Q-100G-2M ¹	2	Y	Y	Y	Y	Y	Y	Y	Y
Arista Networks	CAB-Q-Q-100G-3M ¹	3	Y	Y	Y	Y	Y	Y	Y	Y
Arista Networks	CAB-Q-Q-100G-5M ¹	5	Y	Y	Y	Y	Y	Y	Y	Y

- 1 Forward-Error-Correction (FEC) and auto-negotiation are enabled on all 100G-DAC cables by default.

Auto-negotiation and FEC default settings may differ between connected ports. Check to ensure that settings are the same for proper interoperability.

5.27 100G-DR Transceivers (100GBASE-DR QSFP28 1310nm, LC connector)

Vendor	Model	Max SM Fiber Distance (m)	Arista Networks							
Arista Networks	QSFP-100G-DR ^{1,2}	500	Y	Y	Y	Y	Y	Y	Y ³	Y

- 1 Forward-Error-Correction (FEC) is disabled on all 100G-DR optics by default. 100G-DR optics can't have 4X10-GbE or 4X25-GbE ports in breakout mode.
- 2 Support Digital Optical Monitoring (DOM): Temperature, voltage, and optical levels.
- 3 Ports supported: 13, 15, 17, 19, 46, 48, 50, 52.

5.28 100G-ER Transceivers (100GBASE-ER4 QSFP28 1310nm, LC connector)

Vendor	Model	Max SM Fiber Distance (km)	Arista Networks							
Arista Networks	QSFP-100G-ERL4 ^{1,2}	40	Y	Y	Y	Y	Y	Y	Y ³	Y

- 1 Forward-Error-Correction (FEC) is enabled on all 100G-ER4 optics by default. 100G-ER4 optics can't have 4X10-GbE or 4X25-GbE ports in breakout mode.
- 2 Support Digital Optical Monitoring (DOM): Temperature, voltage, and optical levels.
- 3 Ports supported: 13, 15, 17, 19, 46, 48, 50, 52.

5.29 100G-FR Transceivers (100GBASE-FR QSFP28 1310nm, LC connector)

Vendor	Model	Max SM Fiber Distance (km)	Arista Networks							
Arista Networks	QSFP-100G-FR ^{1,2}	2	Y	Y	Y	Y	Y	Y	Y ³	Y

- 1 Forward-Error-Correction (FEC) is disabled on all 100G-FR optics by default. 100G-FR optics can't have 4X10-GbE or 4X25-GbE ports in breakout mode.
- 2 Support Digital Optical Monitoring (DOM): Temperature, voltage, and optical levels.
- 3 Ports supported: 13, 15, 17, 19, 46, 48, 50, 52.

5.30 100G-LR Transceivers (100GBASE-LR4 QSFP28 1310nm, LC connector)

Vendor	Model	Max SM Fiber Distance (km)	Arista Networks							
			7260CX3-64E	7260CX3-64	7260TX3-48C8	7260TX3-48C8	7050SX3-96VC8	7050SX3-96VC8	7050SX3-48YC12	7050SX3-48YC12
Arista Networks	QSFP-100G-LR4 ^{1,2}	10	Y	Y	Y	Y	Y	Y	Y ³	Y
Arista Networks	QSFP-100G-LRL4 ^{1,2}	2	Y	Y	Y	Y	Y	Y	Y ³	Y

- 1 Forward-Error-Correction (FEC) is enabled on all 100G-LR4 optics by default. 100G-LR4 optics can't have 4X10-GbE or 4X25-GbE ports in breakout mode.
- 2 Support Digital Optical Monitoring (DOM): Temperature, voltage, and optical levels.
- 3 Ports supported: 13, 15, 17, 19, 46, 48, 50, 52.

5.31 100G-PSM4 Transceivers (100GBASE-PSM QSFP+ 1310 MPO connector)

Vendor	Model	Max SM Fiber Distance (km)	Arista Networks							
			7260CX3-64E	7260CX3-64	7260TX3-48C8	7260TX3-48C8	7050SX3-96VC8	7050SX3-96VC8	7050SX3-48YC12	7050SX3-48YC12
Arista Networks	QSFP-100G-PSM4 ^{1,2}	500	Y	Y	Y	Y	Y	Y	Y	Y
Arista Networks	QSFP-100G-PLRL4 ³	2	Y	Y	Y	Y	Y	Y	Y	Y

- 1 100G-PSM4 optics can 4X25-GbE ports in breakout mode when attaching MTP to 4XLC breakout fiber cable. When 100G-PSM4 in 4X25-GbE breakout mode, each 25G-GbE port have Forward-Error-Correction (FEC) set to disabled.
- 2 Support Digital Optical Monitoring (DOM): Temperature, voltage, and optical levels.
- 3 100G-PLRL4 optics can 4X25-GbE ports in breakout mode when attaching single-mode MTP to 4XLC breakout fiber cable.

5.32 100G-SR Transceivers (100GBASE-SR4 QSFP28 850nm, MPO connector)

Vendor	Model	Max OM3 Fiber Distance(m)	OM4 Fiber Distance(m)	Arista Networks						
Arista Networks	QSFP-100G-SR4 ^{1,2,3,4}	70	100	Y	Y	Y	Y	Y	Y	Y
Arista Networks	QSFP-100G-XSR4 ^{1,2,3,4}	150		Y	Y	Y	Y	Y	Y	Y

- 1 Forward-Error-Correction (FEC) is enabled on all 100G-SR4 and 100G-XSR4 optics by default.
- 2 100G-SR4 optics can 4X10-GbE ports in breakout mode when attaching MTP to 4XLC breakout fiber cable.
- 3 When 100G-SR4 and 100G-XSR4 are in 4X25-GbE breakout mode, each 25-GbE port has Forward-Error-Correction (FEC) set to disabled.
- 4 Support Digital Optical Monitoring (DOM): Temperature, voltage, and optical levels.

5.33 100G-SWDM4 Transceivers (100GBASE-SWDM QSFP+ 850nm, LC connector)

Vendor	Model	Max OM3 Fiber Distance(m)	Max OM4 MM Fiber Distance (m)	Arista Networks						
Arista Networks	QSFP-100G-SWDM ^{1,2,3}	70	100	Y	Y	Y	Y	Y	Y	Y

- 1 Forward-Error-Correction (FEC) is enabled on all 100G-SWDM optics by default.
- 2 100G-SWDM optics can't have 4X10-GbE ports in breakout mode.
- 3 Support Digital Optical Monitoring (DOM): Temperature, voltage, and optical levels.

5.34 100G-4X25G Breakout DAC Cables (1X QSFP28, 4X SFP+)

Vendor	Model	Cable length (m)	Arista Networks							
			7260CX3-64E	7260CX3-64	7050TX3-48C8	7050TX3-48YC8	7050SX3-48YC12	7050SX3-48YC8	7050SX3-48YC8C	7050SX3-48YC8C
Arista Networks	CAB-Q-4S-100G-1M ¹	1	Y ²	Y	Y	Y	Y	Y	Y	Y
Arista Networks	CAB-Q-4S-100G-2M ¹	2	Y ²	Y	Y	Y	Y	Y	Y	Y
Arista Networks	CAB-Q-4S-100G-3M ¹	3	Y ²	Y	Y	Y	Y	Y	Y	Y
Arista Networks	CAB-Q-4S-100G-5M ¹	5	Y ²	Y	Y	Y	Y	Y	Y	Y

1 Each 25G-GbE port has auto-negotiation and Forward-Error-Correction (FEC) set to disabled on 4X25-GbE breakout DAC Cable by default.

2 QSFP28 end only.