

Transceiver Compatibility Matrix for Dell EMC Open Networking Switches

As of NetVisor OS Release 7.0.2 Issued 9/30/2022

Dell Mfg Part No.	Description	Form Factor
<=1G		
XTY28	1000BASE-T Transceiver RJ-45 Copper	SFP
GF76J	1G SX Transceiver LC Connector - MMF	SFP
J6FGD	1G LX/LH Transceiver LC Connector - SMF	SFP
F1KMV	GE ZX Transceiver LC Connector - SMF	SFP
10G		
PGYJT	10G SFP+, 10GBASE-T Transceiver - RJ-45 Copper - supports links up to 30m using Cat 6a/7 Cable	SFP+
WTRD1	10G SFP+ SR Transceiver - 850nm Wavelength, 300 Meter	SFP+
RN84N	10G SFP+ LR Transceiver - 1310nm Wavelength, 10 Kilometer	SFP+
6K3Y6	10G SFP+ LR Transceiver - 1310nm Wavelength, 10 Kilometer	SFP+
TY5FM	10G SFP+ ZR Transceiver	SFP+
C6Y7M	10G SFP+ Passive Copper Direct Attach Cable (DAC) - 0.5 Meter	SFP+, DAC
V250M	10G SFP+ Passive Copper Direct Attach Cable (DAC) - 1 Meter	SFP+, DAC
5CWK6	10G SFP+ Passive Copper Direct Attach Cable (DAC) - 2 Meter	SFP+, DAC
53HVN	10G SFP+ Passive Copper Direct Attach Cable (DAC) - 3 Meter	SFP+, DAC
P9GND	10G SFP+ Active Fiber Optic Cable (AOC) - 3 Meter	SFP+, AOC
T1KCN	10G SFP+ Active Fiber Optic Cable (AOC) - 5 Meter	SFP+, AOC
1DXKP	10G SFP+ Active Fiber Optic Cable (AOC) - 7 Meter	SFP+, AOC
MT7R2	10G SFP+ Active Fiber Optic Cable (AOC) - 10 Meter	SFP+, AOC
W5G04	10G SFP+ Active Fiber Optic Cable (AOC) - 20 Meter	SFP+, AOC
40G<->10G		
TCPM2	40G QSFP to 4x 10G SFP+ Passive Copper Splitter Cable - 1 Meter	QSFP40 SPLITTER DAC
JNPF8	40G QSFP to 4x 10G SFP+ Passive Copper Splitter Cable - 2 Meter	QSFP40 SPLITTER DAC
27GG5	40G QSFP to 4x 10G SFP+ Passive Copper Splitter Cable - 3 Meter	QSFP40 SPLITTER DAC
D7M6H	10G QSFP to 4x SFP+ Active Optical Splitter Cable - 10 Meter	QSFP40 SPLITTER AOC

Transceiver Support: Transceiver support varies by platform and by software release. Please refer to the NetVisor OS Release Notes for specific platform and software release support exceptions.

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25G		
2JVDD	25G SFP28 Direct Attach Copper - 1 Meter	SFP28, DAC
D0R73	25G SFP28 Direct Attach Copper - 2 Meter	SFP28, DAC
VXFJY	25G SFP28 Direct Attach Copper - 3 Meter	SFP28, DAC
9X8JP	25G SFP28 Direct Attach Copper - 5 Meter	SFP28, DAC
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W4GPP	25G SFP+ SR, 850nm Wavelength, 100m, Transceiver	SFP28, DAC
P7D7R	25G SFP+ SR, 850nm Wavelength, 100m, Transceiver	SFP28, DAC
OYR96	25G SFP+ LR, 1310nm Wavelength, 10 Kilometer, Transceiver	SFP28, DAC
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100G<=>25G		
26FN3	100G QSFP28 to 4x 25G SFP28 Passive Copper Splitter Cable - 1 Meter	QSFP28 SPLITTER DAC
YFNDD	100G QSFP28 to 4x 25G SFP28 Passive Copper Splitter Cable - 2 Meter	QSFP28 SPLITTER DAC
7R9N9	100G QSFP28 to 4x 25G SFP28 Passive Copper Splitter Cable - 3 Meter	QSFP28 SPLITTER DAC
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40G		
XW7J0	40G QSFP+ Bi-Directional Transceiver - Duplex LC	QSFP+
H93DH	40G QSFP+ LR4 Transceiver - 10 Kilometer	QSFP+
F8CG0	40G QSFP+ LR4 Transceiver - 10 Kilometer	QSFP+
2XJHY	40GbE QSFP+ PSM4_LR,10km (4x10GbE LR Quad Modus)	QSFP+
7TCDN	40G QSFP+ SR4 Transceiver - 850nm Wavelength, 100 Meter over OM3 MMF or 150 Meter over OM4 MMF	QSFP+
N6KM9	40G QSFP+ LM4 Universal Transceiver - 140m on OM3, 160m on OM4, and 1km on SMF	QSFP+
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1M31V	40G QSFP Passive Copper Direct Attach Cable (DAC) - 0.5 Meter	QSFP+, DAC
5NP8R	40G QSFP Passive Copper Direct Attach Cable (DAC) - 1 Meter	QSFP+, DAC
4TC09	40G QSFP Passive Copper Direct Attach Cable (DAC) - 2 Meter	QSFP+, DAC
FC6KV	40G QSFP Passive Copper Direct Attach Cable (DAC) - 3 Meter	QSFP+, DAC
J90VN	40G QSFP Passive Copper Direct Attach Cable (DAC) - 5 Meter	QSFP+, DAC
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YDN52	40G QSFP Active Fiber Optic Cable (AOC) - 3 Meter	QSFP+, AOC
0C2YV	40G QSFP Active Fiber Optic Cable (AOC) - 10 Meter	QSFP+, AOC

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Dell Mfg Part No.	Description	Form Factor
100G		
JCYM9	Adapter for QSFP28 to SFP28/SFP+/SFP (25G/10G/1G)	ADAPTER
0X9CT	100G QSFP28 Transceiver - BIDI, 850/900nm, LC Duplex MMF	QSFP28
4WJ41	100G QSFP28 Transceiver - SR4 850nm, 100m with MPO Connector	QSFP28
14NV5	100G QSFP28 Transceiver - SR4 850nm, 100m with MPO Connector	QSFP28
GMFC5	100G QSFP28 Transceiver - LR4, 10 Kilometer, Duplex LC	QSFP28
D7P80	100G QSFP28 Transceiver - LR4, 10 Kilometer, LC, SMF	QSFP28
XT03F	100G QSFP28 Transceiver - ER4, 20 Kilometer, LC, SMF	QSFP28
THPF3	100G QSFP28 Transceiver - CWDM4, 2 Kilometer, Duplex LC	QSFP28
X7CCC	100G QSFP28 Transceiver 100GbE, SWDM4, OM3/OM4 MMF - up to 100 m	QSFP28
P7C7N	100G QSFP28 Direct Access Cable (DAC) - 1 Meter	QSFP28, DAC
76V43	100G QSFP28 Direct Access Cable (DAC) - 2 Meter	QSFP28, DAC
3CC35	100G QSFP28 Direct Access Cable (DAC) - 3 Meter	QSFP28, DAC
FN4FC	100G QSFP28 Direct Access Cable (DAC) - 5 Meter	QSFP28, DAC
05J8P	100G QSFP28 Active Fiber Optic Cable (AOC) - 3 Meter	QSFP28, AOC
5WGKD	100G QSFP28 Active Fiber Optic Cable (AOC) - 7 Meter	QSFP28, AOC
XFDRT	100G QSFP28 Active Fiber Optic Cable (AOC) - 10 Meter	QSFP28, AOC

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Transceiver Compatibility Matrix for Dell EMC Open Networking Switches

Dell Mfg Part No.	Description	Form Factor
400G<>100G		
OWDNV	400G 1x QSFP56-DD to 100G 4x QSFP28 Active Copper Splitter Cable - 3 Meter	QSFP28 SPLITTER ACC
C0TP5	400G 1x QSFP56-DD to 100G 4x QSFP28 Active Copper Splitter Cable - 5 Meter	QSFP28 SPLITTER ACC
400G		
78RHK	400G, QSFP56-DD, Transceiver 400GbE, FR4, LC duplex, 2km SMF	QSFP56-DD
0059F	400G, QSFP56-DD, Transceiver 400GbE, SR4.2 BIDI, MPO12, 70m/100m OM3/OM4	QSFP56-DD
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W4JWV	400G, QSFP56-DD to QSFP56-DD, Passive Copper Direct Attach Cable - 0.5 Meter	QSFP56-DD, DAC
22V6R	400G, QSFP56-DD to QSFP56-DD, Passive Copper Direct Attach Cable - 1 Meter	QSFP56-DD, DAC
XR11M	400G, QSFP56-DD to QSFP56-DD, Passive Copper Direct Attach Cable - 2 Meter	QSFP56-DD, DAC
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DH11M	400G QSFP56-DD Active Copper Cable - 3 Meter	QSFP56-DD, ACC
86K95	400G QSFP56-DD Active Copper Cable - 5 Meter	QSFP56-DD, ACC

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Third-Party Transceiver Compatibility Note: Customers are advised that the Arista NetVisor OS does not lock Transceiver support; however, due to potential variations of the firmware and implementations within physical Transceivers, not all third-party Transceivers will be fully compatible off-the-shelf. Arista Networks has endeavored to test and validate third-party Transceivers, and those listed here are based upon the manufacturers currently shipping versions at the time of testing. Arista advises that Transceiver models substituted by the manufacturer or a third-party manufacturer, although claimed to be functionally equivalent, may not be compatible. Customers are advised to contact Arista Networks to verify compatibility and validate interoperability prior to purchasing or deployment.

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