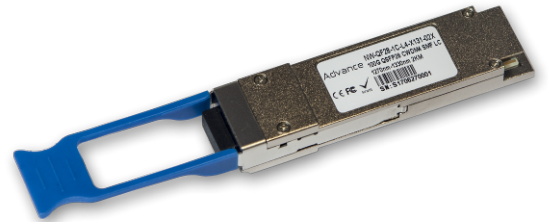


100G-BASE QSFP28 Transceiver with Diagnostic Monitoring

Features

- > Four channel, full-duplex transceiver
- > SR4 Multimode:
 - > Operating data rate up to 28.05Gbit/s per channel
 - > 850nm VSCEL transmitter array/PIN photo detector array
 - > Power consumption <2.5W
 - > Transmission distance of 70m on OM3 and 100m on OM4 fibre
 - > Single MPO-12 connector interface
- > LR4 LITE / LR4 Singlemode:
 - > Operating data rate up to 26Gbit/s per channel
 - > 1295.56, 1300.05, 1304.58, 1309.14nm DFB WDM laser transmitter/PIN ROSA
 - > Power consumption <3.5W
 - > Transmission distance of 4km/10km on SMF
 - > Duplex LC connector interface
- > PSM4 Singlemode (as above, except):
 - > 1310nm
 - > Transmission distance of 500m on SMF
 - > Single MPO-12 connector interface
- > Single 3.3V Power Supply and TTL Logic Interface
- > Hot-Pluggable QSFP+ Footprint
- > DDM integrated – MSA compliant digital diagnostic interface
- > Operating Case Temperature:
 - > Standard: 0°C~+70°C



Applications

- > 40G/100G Ethernet
- > 56G InfiniBand FDR
- > High speed interconnections
- > Datacentre

Ordering Information

Advance Part Code	Description
NW-QF28-1C-S4-X850-0-1	100G 850nm QSFP28 SR4 100m (MPO-12)
NW-QF28-1C-P4-X131-0-5	100G 1310nm QSFP28 PSM4 500m (LC)
NW-QF28-1C-L4-X131-04X	100G 1310nm WDM QSFP28 LR4 LITE 4km (LC)
NW-QF28-1C-L4-X131-10X	100G 1310nm WDM QSFP28 LR4 10km (LC)

Compatibility Information

Vendor	Vendor Code	Description	Advance Code
Arista	QSFP-100G-SR4	Multimode 850nm, 100m, MPO-12	NW-QF28-1C-S4-X850-0-1-S
Arista	QSFP-100G-PSM4	Singlemode 1310nm, 500m, MPO-12	NW-QF28-1C-P4-X131-0-5-S
Arista	QSFP-100G-LRL4	Singlemode 1310nm, 2km, Duplex LC	NW-QF28-1C-L4-X131-04X-S
Arista	QSFP-100G-LR4	Singlemode 1310nm, 10km, Duplex LC	NW-QF28-1C-L4-X131-10X-S
Cisco	QSFP-100G-SR4-S	Multimode 850nm, 100m, MPO-12	NW-QF28-1C-S4-X850-0-1-C
Cisco	QSFP-100G-LR4-S	Singlemode 1310nm, 10km, Duplex LC	NW-QF28-1C-L4-X131-10X-C
Cisco	QSFP-100G-CWDM4-S	Singlemode 1310nm, 2km, Duplex LC	NW-QF28-1C-L4-X131-04X-C
Cisco	QSFP-100G-PSM4-S	Singlemode 1310nm, 500m, MPO-12	NW-QF28-1C-P4-X131-0-5-C
Cisco	QSFP-100G-SM-SR	Singlemode 1310nm, 2km, Duplex LC	NW-QF28-1C-L4-X131-04X-C
HP	845966-B21	Multimode 850nm, 100m, MPO-12	NW-QF28-1C-S4-X850-0-1-A
HP	JH420A	Singlemode 1310nm, 500m, MPO-12	NW-QF28-1C-P4-X131-0-5-A
HP	JL274A	Multimode 850nm, 100m, MPO-12	NW-QF28-1C-S4-X850-0-1-A
Juniper	JNP-QSFP-100G-SR4	Multimode 850nm, 100m, MPO-12	NW-QF28-1C-S4-X850-0-1-J
Juniper	JNP-QSFP-100G-LR4	Singlemode 1310nm, 10km, Duplex LC	NW-QF28-1C-L4-X131-10X-J
Mellanox	MMA1B00-C100D	Multimode 850nm, 100m, MPO-12	NW-QF28-1C-S4-X850-0-1

*If you don't see your preferred vendor on the list above, please contact us. Other vendors are supported and available.