

## 40G-BASE QSFP+ Transceiver with Diagnostic Monitoring

### Features

- > Four channel, full-duplex transceiver
- > Multi-rate support for 10G and 40G Ethernet
- > SR4 / CSR4 Multimode:
  - > Operating data rate up to 10.5Gbit/s per channel
  - > 850nm VSCSEL transmitter array/PIN photo detector array
  - > Power consumption <1.5W
  - > Transmission distance of 100/150m on OM3/OM4 or extended range 300/400m on OM3/OM4 fibre
  - > Single MPO-12 connector interface
- > LR/ LR4 Singlemode:
  - > Operating data rate up to 11.2Gbit/s per channel
  - > 1271, 1291, 1311 and 1331nm DFB WDM laser transmitter/PIN-TIA
  - > Power consumption <2.5W
  - > Transmission distance of 10km on SMF
  - > Duplex LC (LR4) / Single MPO-12 (LR) 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

- > 10G/40G Ethernet and OTU3
- > InfiniBand SDR, DDR and QDR
- > High speed interconnections
- > Datacentre ToR connections

### Ordering Information

Advance Part Code	Description
NW-QSFP-40-S4-X850-0-1	40G 850nm QSFP+ SR4 100m (MPO-12)
NW-QSFP-40-S4-X850-0-3	40G 850nm QSFP+ CSR4 300m (MPO-12)
NW-QSFP-40-L4-X131-10X	40G 1310nm QSFP+ LR4 10km (LC)
NW-QSFP-40-LR-X131-10X	40G 1310nm QSFP+ LR4 10km (MPO-12)

## Compatibility Information

Vendor	Vendor Code	Description	Advance Code
Arista	QSFP-40G-SR4	Multimode 40G QSFP, 100m	NW-QSFP-40-S4-X850-0-1-S
Arista	QSFP-40G-LR4	Singlemode 40G QSFP, 10km	NW-QSFP-40-L4-X131-10X-S
Brocade	40G-QSFP-LR4	Singlemode 40G QSFP, 10km	NW-QSFP-40-L4-X131-10X-R
Brocade	40G-QSFP-SR4	Multimode 40G QSFP, 150m	NW-QSFP-40-S4-X850-0-1-R
Cisco	QSFP-4X10G-LR-S	Singlemode 40G QSFP, 10km	NW-QSFP-40-L4-X131-10X-C
Cisco	QSFP-40G-LR4	Singlemode 40G QSFP, 10km	NW-QSFP-40-L4-X131-10X-C
Cisco	QSFP-40G-SR4	Multimode 40G QSFP, 100m	NW-QSFP-40-S4-X850-0-1-C
Cisco	QSFP-40G-CSR4	Multimode 40G QSFP, 300m	NW-QSFP-40-S4-X850-0-3-C
Dell	407-BB0I	Multimode 40G QSFP, 100m	NW-QSFP-40-S4-X850-0-1-F
Extreme	40GB-LR4-QSFP	Singlemode 40G QSFP, 10km	NW-QSFP-40-L4-X131-10X-E
Extreme	40GB-SR4-QSFP	Multimode 40G QSFP, 100m	NW-QSFP-40-S4-X850-0-1-E
Juniper	QFX-QSFP-40G-SR4	Multimode 40G QSFP, 150m	NW-QSFP-40-S4-X850-0-1-J
Juniper	JNP-QSFP-40G-LR4	Singlemode 40G QSFP, 6km	NW-QSFP-40-L4-X131-10X-J

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