

Juniper JNP-QSFP-100G-LR4 Switches

Model: Juniper JNP-QSFP-100G-LR4 | Brand: Juniper

Product Overview

QSFP28 100GBase-L4 Optics for up to 10km transmission over serial SMF

Product page: <https://www.linknewnet.com/products/juniper-jnp-qsfp-100g-lr4>

Quick Specifications

Attribute	Value
Product Name	Juniper JNP-QSFP-100G-LR4
Form Factor	QSFP28
Data Rate	100 Gbps
Wavelength	LAN WDM (1295.56, 1300.05, 1304.58, 1309.14 nm)
Interface	LC duplex
Cable Type	Single-mode Fiber (SMF)
Transmission Distance	Up to 10 km
Protocols Supported	100 Gigabit Ethernet, MSA Compliant
Operating Temperature	0°C to 70°C
Max Power Consumption	3.5W
Diagnostics Support	Digital Optical Monitoring (DOM)
Hot Swappable	Yes
MTBF	High reliability with an MTBF (mean time between failures) of over 300,000 hours
Compatibility	Compatible with Juniper Networks devices and intended for use in Juniper platforms
Applications	Designed for use in 100G Ethernet links, data center, and high-performance computing networks
Certifications	Compliant with QSFP28 MSA, IEEE 802.3ba 100GBASE-LR4 standards
Modulation Format	4-lane LAN-WDM
Receiver Sensitivity	-10.6 dBm (maximum)
Transmitter Power	-4.3 to 4.5 dBm (per lane)
Connector Type	LC
Product Code	Juniper JNP-QSFP-100G-LR4
Brand	Juniper

Replacement / Alternative Options

If the Juniper JNP-QSFP-100G-LR4 is out of stock or end-of-life, these same-brand alternatives deliver comparable capability. Contact our sales team to confirm availability.

Model	Specification
Juniper EX-QFX-MACSEC-AGG	MACSec SW Feature License on Aggregation Switches. Applicable to EX4550 Switches.

Juniper EX-SFP-10GE-DAC-1M	SFP+, 10GE Direct Attach Copper Cable, 1 meter, Standard Temperature (0 through 70 DEGREE C), 0.57W, 30 AWG
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Request availability: [Ask for current stock](#) of Juniper JNP-QSFP-100G-LR4 or its alternatives.

Buying from LinkNewNet

Every unit is [fully tested](#) (ports verified, firmware validated) and covered by [warranty](#).