

Juniper QFX5120-48YM-DC-AI Switches

Model: Juniper QFX5120-48YM-DC-AI | Brand: Juniper

Product Overview

QFX5120, MACsec AES-256, 48x25G+8x100G 1U DC PSU side intake and port side exhaust

Product page: <https://www.linknewnet.com/products/juniper-qfx5120-48ym-dc-ai>

Quick Specifications

Attribute	Value
Product Name	Juniper QFX5120-48YM-DC-AI
Product Type	Network Switch
MACsec Encryption	AES-256
Port Configuration	48 x 25 Gbps Ethernet + 8 x 100 Gbps Ethernet
Form Factor	1U Rackmount
Power Supply Type	DC Power Supply Unit (PSU)
Cooling System	Side intake and port side exhaust
Management Ports	1 x RJ-45 Serial Console, 1 x Micro USB Console, 1 x Management Ethernet
Switching Capacity	Up to 3.2 Tbps
Throughput	Up to 2.38 Bpps
Forwarding Rate	Up to 1.8 Bpps
Memory	8 GB DDR3 DRAM
Storage	32 GB NAND Flash
Operating System	Junos OS
Virtual Chassis Support	Yes, up to 32 devices
Quality of Service (QoS)	Advanced QoS features with IPV4/IPV6 support
Latency	Low Latency for 25GbE and 100GbE ports
Environmental Operating Conditions	0 to 40°C operating temperature
Regulatory Compliance	FCC, CE, RoHS
Layer 3 Features	Full L3 features including BGP, OSPF, PIM, and MPLS
Product Code	Juniper QFX5120-48YM-DC-AI
Brand	Juniper

Replacement / Alternative Options

If the Juniper QFX5120-48YM-DC-AI 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
-------------------------------	---

Request availability: [Ask for current stock](#) of Juniper QFX5120-48YM-DC-AI or its alternatives.

Buying from LinkNewNet

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