

# Juniper QFX5120-48YM-DC-AO

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

## Product Overview

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

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

## Quick Specifications

| Attribute                       | Value                               |
|---------------------------------|-------------------------------------|
| Model                           | QFX5120-48YM-DC-AO                  |
| Ports                           | 48 x 25GbE SFP28, 8 x 100GbE QSFP28 |
| Switching Capacity              | 4 Tbps                              |
| Forwarding Rate                 | 1.8 Bpps                            |
| Power Supply                    | DC Power Supply                     |
| Cooling                         | Airflow Out (AO)                    |
| Form Factor                     | 1U                                  |
| Junos OS Support                | Junos OS Release 18.1 or later      |
| MAC Addresses                   | 128K                                |
| IPv4 Routes                     | 128K                                |
| IPv6 Routes                     | 64K                                 |
| Layer 2 VLANs                   | 4K                                  |
| Maximum Transmission Unit (MTU) | 9,216 bytes                         |
| Buffer Size                     | 22 MB                               |
| Management Ports                | 1 x RJ-45 console, 1 x USB port     |
| Rack Mountable                  | Yes                                 |
| Operating Temperature           | 0 to 40°C                           |
| Storage Temperature             | -40 to 70°C                         |
| Relative Humidity               | 5% to 95% (non-condensing)          |
| Dimensions (WxDxH)              | 17.5 x 21.2 x 1.72 inches           |
| Product Code                    | QFX5120-48YM-DC-AO                  |
| Brand                           | Juniper                             |

## Replacement / Alternative Options

If the QFX5120-48YM-DC-AO is out of stock or end-of-life, these same-brand alternatives deliver comparable capability. Contact our sales team to confirm availability.

| Model                               | Specification                                                                                                                                          |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">QFX5120-48Y-AFI</a>     | Native 25GbE with 100GbE uplink ports on the QFX5120- 48Y, combined with 32 ports of 100GbE on the QFX5120- 32C, make the QFX5120 family ideal for lea |
| <a href="#">QFX5120-48Y-DC-AFO2</a> | QFX5120                                                                                                                                                |

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

## **Buying from LinkNewNet**

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