

# How many optical ports does the 5120 switch have



## Overview

48 x SFP28 ports (0-47): Support 1GbE, 10GbE, or 25GbE with appropriate optics. □□ This layout offers flexible deployment for high-density 25GbE servers and 100GbE uplinks. 100GbE QSFP28: Breaks out to 4 x. The 24-port switches come with 4 x 25Gb fixed uplinks, while the 48-port switch offers 2 x 100Gb fixed uplinks, along with 4 x 25Gb ports. The 5120 switches will support line rate MACsec on all the ports. Native 25GbE with 100GbE uplink ports on the 10GbE/1GbE copper with 100GbE uplink ports on the QFX5120-48T, and 32 100GbE ports on the QFX5120-32C make the QFX5120 family ideal for spine- and-leaf network deployments. The Juniper Networks QFX5120 Switch delivers high scale, high availability, and. rmance for data center and campus deployments.

## Article Content

### 5120 Datasheet Map

The 5120 switches can stack between themselves using the 4x25Gb ports or the 2x100Gb ports\*\*. The 5120 switches will support line rate MACsec on all the ports offering 256-bit MACsec encryption for

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This capability enables the QFX5120 switches to support a larger number of ports, thereby increasing the availability of connections without additional hardware,

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- 44 x 10Gb SFP+, 4x10G/25G SFP28 with the 48-port switch offers 2x100Gb fixed uplinks, along with 4x25Gb ports. The 5120. 2x100G QSFP28 uplinks switches can stack between themselves using the

### 5120 Datasheet Map

The 5120 switches will support line rate MACsec on all the ports offering 256-bit MACsec encryption for secure connectivity to end devices and uplinks\*\*. Front-to-Back and Back-to-Front cooling options

### 5120 | Extreme Networks

The 24-port switches come with 4 x 25Gb fixed uplinks, while the 48-port switch offers 2 x 100Gb fixed uplinks, along with 4 x 25Gb ports. The 5120 switches can stack between themselves using the 4 x

### QFX5120 Ethernet Switch

The 48 ports of native 10GbE/25GbE for server connectivity, plus up to eight 40GbE or 100GbE ports for uplink connectivity, provide very low oversubscription of 1.5:1 from access to aggregation.

### QFX5120 Ethernet Switch Datasheet

Using breakout cables, each of the eight 100GbE QSFP28 ports can be broken into four 25GbE SFP28 ports, while each 40GbE QSFP+ port can be broken into four

### QFX5120 ETHERNET SWITCH

Using breakout cables, each 100GbE QSFP28 port can be broken into four 25GbE SFP28 ports, while each 40GbE QSFP+ port can be broken into four 10GbE SFP+ ports, increasing the total number of

### JUNIPER QFX5120 SERIES HARDWARE MANUAL

View and Download Juniper QFX5120 Series hardware manual online. QFX5120 Series switch pdf manual download. Also for: Qfx5120-32c-afi, Qfx5120-48y

## Data Sheet QFX5120 ETHERNET SWITCH Description

Data Center Deployments Data centers demand high-speed, low-latency, storage- and I/O-converged networking solutions that maximize performance for physical servers, virtual servers, and storage.

## Juniper QFX5120 Switch Comparison & Buying Guide

Juniper QFX5120 Series Switches - Model Family Breakdown Juniper's QFX5120 line delivers high-performance, low-latency switching ideal for modern enterprise

## Data Sheet QFX5120 ETHERNET SWITCH Description

Using breakout cables, 40GbE QSFP+ ports 50 and 51 can be channelized into four 10GbE SFP+ ports each, increasing the total number of 10GbE ports per switch to 56.

## JNP:QFX5120-48Y-AFO Datasheet Overview

The QFX5120-48Y-AFO provides these features and benefits: Automation: The QFX5120 supports a number of network automation and plug-and-play operational features, including ZTP and event

## 5120 Series Switches

The 5120 switches can stack between themselves using the 4 x 25Gb ports or the 2 x 100Gb ports . The 5120 switches will support line rate MACsec on all the ports offering 256 - bit MACsec encryption for

## Juniper Qfx5120 Switches 1000639 En Data Sheet

Using breakout cables, each 100GbE QSFP28 port can be broken into four 25GbE SFP28 ports, while each 40GbE QSFP+ port can be broken into four 10GbE SFP+ ports, increasing the total number of

## 5120 Series Installation Guide: Setup and Configuration

5120 Series switches can only stack with themselves and support data rates of 25Gbps on ports U1 and U2 using the Native-V100 stacking mode with SFP28 cables. 5120-44X-4Y-2C switches support data

## DATASHEET QFX5120 ETHERNET SWITCH Data Sheet

When using breakout cables, two of the 100GbE QSFP28 ports (ports 50 and 52) can be broken into four 25GbE SFP28 or four 10GbE SFP+ ports, increasing the maximum number of 10GbE/ 25GbE

## DATASHEET QFX5120 ETHERNET SWITCH Data Sheet

Using breakout cables, 40GbE QSFP+ ports 50 and 51 can be channelized into four 10GbE SFP+ ports each, increasing the total number of 10GbE ports per switch to 56.

## QFX5120 Network Cable and Transceiver Planning | Juniper Networks

How to Calculate the Fiber-Optic Cable Power Budget for QFX Series Switches  
Calculate the fiber-optic data link's power budget when planning fiber-optic cable layout and distances to ensure that fiber

Extreme Networks 5120

The Extreme Networks 5120-24X-4Y switch delivers efficient and comprehensive networking solutions for various environments. It combines high performance

5120 | Extreme Networks

The 5120 switches will support line rate MACsec on all the ports offering 256-bit MACsec encryption for secure connectivity to end devices and uplinks.\*\* Front-to-Back and Back-to-Front cooling options

Qfx5120 Ethernet Switch Datasheet

The breakout cable capabilities of the QFX5120 switches allow for the segmentation of high-speed ports into multiple lower-speed ports, thereby increasing the

Juniper QFX5120 Switch Comparison & Buying Guide

QFX5120: Ideal for data centers, this switch excels in spine-leaf architectures, offering a high-density port configuration with support for up to 48 x 10/25GbE

QFX5120 Ethernet Switch

The high-performance Juniper Networks® QFX5120 Ethernet Switch fits the bill, providing the foundation for dynamic data centers. Native 25GbE ports and 100GbE uplinks satisfy growing demand for

## Contact Us

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