

PRODUCT SOLUTIONS BRIEF
JUNIPER NETWORKS

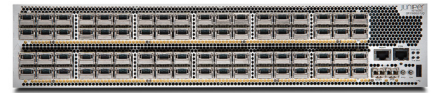
DATA CENTER NETWORK MIGRATION



Through our strong global partnerships and alliances with manufacturers such as Juniper Networks, we are able to present you with the following offering to meet your specific data center requirements.

QFX10002 Fixed Ethernet Switches

Juniper Networks® QFX10002 line of fixed configuration switches offers 72-port and 36-port 40 GbE options in a 2U form factor with support for 10 GbE and 100 GbE. Both switches support quad small form-factor pluggable plus transceiver (QSFP+) and QSFP28 ports for 40 GbE and 100 GbE speeds, respectively. With support for 10 GbE, 40 GbE, and 100 GbE in a single platform, the QFX10002 switches provide the foundation for today's data center, delivering long-term investment protection for current and emerging requirements.



Up to 72 40GbE ports in a 2U form factor.

CHALLENGE SOLVERS

- Offers the industry's highest 100 GbE port density – up to 24 in a 2U fixed form factor – which allows for a simple, consolidated network design and helps users to seamlessly migrate their data center networks from existing 10 GbE and 40 GbE to 100 GbE
- Deploys in a number of different network designs and fabrics, including Layer 3 and multichassis link aggregation (MC-LAG) for Layer 2 and Layer 3 networks, giving users complete network flexibility
- Supports Juniper Networks Cloud Analytics Engine to help users:
 - Improve application visibility and performance management by controlling application flows and workload placement
 - More accurately troubleshoot and perform root cause analysis by correlating overlay and underlay networks

THE ANIXTER APPROACH

High-Performance Structured Cabling

- **Network flexibility**
Apply designs to accommodate your performance requirements and highly scalable network architecture demands.
- **Cabling topology**
Determine the right choice for your computing requirements with careful consideration for end of row (EoR), middle of row (MoR), top of rack (ToR) or centralized cabling architectures.
- **Density demands**
Deploy scalable designs that accommodate for uncertain density requirements.

THE JUNIPER SOLUTION

PORT REQUIREMENTS	PLUGGABLE OPTICS	ACCESSORIES
72-port 40 GbE QSFP+ 36-port 40 GbE QSFP+	100, 40, 10 and 1 Gigabit Single-mode and multimode fiber Copper and direct attached	Power supplies Transceivers Fan trays

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WHAT WE HEAR

Data center stakeholders are dealing with a variety of challenges:



AMORTIZATION of cabling investment



Infrastructure **COMPLEXITY**



Restrictions of **LEGACY SYSTEMS**



SPEED of deployment



Pace of **INNOVATION**, adoption

Infrastructure as a Platform
by Anixter

Infrastructure as a Platform by Anixter offers a standards-based physical layer approach that provides a foundation to meet the high-performance computing demands of your data center.

CONFIGURE

We help you discover and map your specific needs to the best solution.

- Port requirements
- Transceiver types
- AC or DC power supplies
- Junos OS requirements

BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- Transceivers
- Copper and fiber cabling
- Network cabinets
- Intelligent PDUs

DEPLOY

Controlled, repeatable solutions are delivered on time and under budget.

- Custom packaging and labeling
- Time-sensitive delivery options
- Staged project shipping
- Tailored last-mile delivery

QFX10002 FEATURES

✓ DELIVER NETWORK SCALABILITY

- Up to 72 40 GbE ports in a 2U form factor
- Scalable, plug-and-play Ethernet fabric with Junos Fusion
- Highest logical L2/L3 scale—up to 512,000 MAC addresses

✓ DESIGNED FOR FLEXIBILITY

- Support for 10, 40 and 100 GbE in the same platform
- Supports Layer 2 and Layer 3 networks
- Open network OS framework for programmability through APIs



The QFX10002 line offers redundant AC/DC power supplies and three fan trays.

> FOR MORE DETAILS VISIT [ANIXTER.COM/SHOPJUNIPER/CALA](https://www.anixter.com/shopjuniper/cala)

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For over 30 years, Anixter has been the leading global, value-added distributor of physical layer communication infrastructure solutions for office, building and campus environments. As experts in large-scale project execution, we are a trusted supplier to leading communication integrator companies and have worked with many Fortune 500 companies.

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