Juniper EX3400-24T

Datasheet

Product Overview

- The Juniper EX3400-24T is a fixed 1U Ethernet access switch for enterprise campus wiring closets and converged data, voice, and video networks.
- It provides 24 × 10/100/1000BASE-T non-PoE access ports for high-density Gigabit connectivity to wired endpoints.
- Four 1/10GbE SFP/SFP+ uplinks and two 40GbE QSFP+ ports support high-speed aggregation and Virtual Chassis interconnection.
- The non-PoE design fits access deployments where endpoint power is supplied locally or through separate power equipment.
- Its 288Gbps bidirectional switching capacity and 214Mpps throughput support demanding enterprise access-layer traffic.
- Junos OS, Juniper Mist Wired Assurance, field-replaceable power supplies, and front-to-back airflow support scalable campus deployments.

Product Highlights

- **24-Port Gigabit Access:** Twenty-four 10/100/1000BASE-T ports provide high-density non-PoE Gigabit access for wired endpoints.
- **Flexible Uplink Density:** Four SFP/SFP+ ports and two QSFP+ ports support 1GbE, 10GbE, and 40GbE upstream connectivity.
- **Redundant Power Option:** The EX3400-24T uses a 150W AC power supply and supports a second field-replaceable supply for power redundancy.
- **Ten-Switch Virtual Chassis:** EX3400 uplink ports can be used for Virtual Chassis connections to manage up to ten switches as one logical device.

Detailed Features



EX3400-24T

Quote | Help

Component	Specification
Access Ports	24 × 10/100/1000BASE-T
Uplink Ports	4 × 1/10GbE SFP/SFP+ + 2 × 40GbE QSFP+
PoE Support	Not supported
Switching Capacity	144 Gbps unidirectional / 288 Gbps bidirectional
Virtual Chassis	Up to 10 switches

24-Port Gigabit Access

The EX3400-24T provides 24 non-PoE 10/100/1000BASE-T ports in a fixed 1U chassis for dense wired campus access.

High-Speed Uplink Options

Four dual-mode SFP/SFP+ ports support 1GbE or 10GbE, while two QSFP+ ports provide 40GbE connectivity for aggregation or chassis interconnection.

Redundant Power Architecture

The switch uses a 150W AC power supply and accepts a second field-replaceable unit to improve power resilience.

Front-to-Back Airflow

Front-to-back airflow supports wiring-closet and data-center access deployments with a matching thermal design.

Virtual Chassis Scale

The EX3400 family supports up to ten interconnected switches managed as a single logical device through the uplink interfaces.

Junos OS and Mist Management

Junos OS provides the switching and routing platform, while Juniper Mist Wired Assurance supports cloud-ready onboarding, provisioning, and management.

Enterprise Layer 2 and Layer 3

The platform supports VLANs, MACsec, link aggregation, spanning-tree features, static routing, RIP, OSPF, and IPv6 functions documented for the EX3400 family.

Non-PoE Deployment Efficiency

The 24T model avoids allocating switch power capacity to endpoints, making it suitable for access environments with local endpoint power or separate power equipment.

Technical Specifications

Product Specifications

Feature	Value
Product Model	EX3400-24T
Product Type	Fixed 1U Ethernet access switch
Operating System	Junos OS
Access Ports	24 × 10/100/1000BASE-T
Total 1GbE Port Density	30 (24 access ports + 4 SFP/SFP+ ports + 2 QSFP+ ports)
Uplink Ports	4 × 1/10GbE SFP/SFP+ + 2 × 40GbE QSFP+
Management Port	1 × RJ-45 management port
Console Ports	1 × RJ-45 console port + 1 × Mini USB Type B console port
USB Port	1 × USB Type-A port
PoE Support	Not supported
Power Supply	JPSU-150-AC-AFO 150W AC power supply; two power supplies supported
Maximum System Power Consumption	100W without PoE power draw
Data Rate	288 Gbps
Packet Switching Capacity (64-byte packets)	144 Gbps unidirectional / 288 Gbps bidirectional
Throughput	214 Mpps (wire speed)

Feature	Value
Virtual Chassis	Up to 10 switches
Virtual Chassis Interconnect	10GbE or 40GbE uplink interfaces
Traffic Monitoring	sFlow
QoS Queues per Port	8 unicast / 4 multicast
MAC Addresses	32,000
Jumbo Frames	9216 bytes
IPv4 Unicast/Multicast Routes	36,000 / 4,000
IPv6 Unicast/Multicast Routes	18,000 / 2,000
VLANs	4,096; VLAN IDs 1–4094
ARP Entries	16,000
CPU	Dual-core 1GHz CPU
DRAM	2GB with ECC
Flash	2GB
Cooling	Field-replaceable fan modules; front-to-back airflow
Dimensions (W × H × D)	17.4 × 1.7 × 13.8 in (43.7 × 4.4 × 35 cm)
Chassis Depth without Power Supply	13.78 in (35 cm)
Chassis Depth with Power Supply	15.05 in (38.24 cm)
Chassis Weight without Power Supply or Fan Modules	9.76 lb (4.43 kg)
Operating Temperature	0°C to 45°C
Storage Temperature	−40°C to 70°C
Operating Humidity	10% to 85% noncondensing
Nonoperating Humidity	0% to 95% noncondensing
Operating Altitude	Up to 10,000 ft / 3,048 m
Nonoperating Altitude	Up to 16,000 ft / 4,877 m
Airflow Direction	Front-to-back

Product Comparison

Feature	EX3400-24T	EX3400-24P	EX3400-48T
Access port configuration	24 × 10/100/1000BASE-T	24 × 10/100/1000BASE-T PoE+	48 × 10/100/1000BASE-T
Uplink ports	4 × 1/10GbE SFP/SFP+ + 2 × 40GbE QSFP+	4 × 1/10GbE SFP/SFP+ + 2 × 40GbE QSFP+	4 × 1/10GbE SFP/SFP+ + 2 × 40GbE QSFP+
PoE support	Not supported	IEEE 802.3af/at PoE+	Not supported
Maximum PoE budget	Not applicable	370W with one PSU; 720W with two	Not applicable
Data rate	288 Gbps	288 Gbps	336 Gbps
Throughput	214 Mpps	214 Mpps	250 Mpps
Virtual Chassis	Up to 10 switches	Up to 10 switches	Up to 10 switches
Power supply	1 × 150W AC PSU standard; 2 supported	1 × 600W AC PSU standard; 2 supported	1 × 150W AC PSU standard; 2 supported
Airflow	Front-to-back	Front-to-back	Front-to-back
Dimensions (W × H × D)	17.4 × 1.7 × 13.8 in	17.4 × 1.7 × 13.8 in	17.4 × 1.7 × 13.8 in
Best-fit deployment	Non-PoE campus access	PoE+ campus access with redundant power	High-density non-PoE access

Accessories

Category	Accessories
Included Accessories	- JPSU-150-AC-AFO 150W AC power supply
	- AC power cord for the installation region
Optional Accessories	- Additional JPSU-150-AC-AFO AC power supply for redundancy
	- EX-RMK rack-mount kit
	- EX-4PST-RMK adjustable four-post rack-mount kit
	- EX-WMK wall-mount kit with baffle
	- SFP/SFP+ and QSFP+ transceivers; optics sold separately

Support & Warranty

24/7 Online Service

3-Year Premium Warranty

Professional Technical Support

100% Low Price Guarantee

100% Quality Assurance

100% Money Back Guarantee

About Us



Router-switch.com, headquartered in Hong Kong since 2002, has been a trusted global leader in ICT distribution for 20+ years. We provide cutting-edge networking, cybersecurity, data center, and AI solutions to meet evolving business needs. Our wide range includes products from top brands like Cisco, Arista, Aruba, Fortinet, Mellanox, and Huawei, ensuring access to the latest technology and innovations.

21,500+ global customers

600,000+ end-users

200+ countries & regions

20+ years experience

500+ global vendors

100,000+ SKUs available

700+ local sales experts

50-98% off global list prices

Contact Us

Email

Sales Inquiries: sales@router-switch.com
Expert Technical Support: ccie-support@router-switch.com
Cooperative Partnerships: partner@router-switch.com

Follow Us

Facebook: @Routerswitchdotcom
LinkedIn: Router-switch.com
X: @routerswitchcom
Instagram: @routerswitchdotcom

Phone

USA: +1-626-655-0998
Hong Kong: +852-25925389 / +852-25925411

Global Footprint

Global Warehouses & Service Centers Across Continents.



Global Branches

Hong Kong Branch

Rm 605, 6/F, Fa Yuen Comm Bldg, 75-77 Fa Yuen St, Mongkok, Kowloon, Hong Kong, China

Shenzhen Branch

Jingfeng Building, 1001 Shangbu South Road, Futian District, Shenzhen, China

USA Branch

35 E Horizon Ridge Pkwy, Ste 110 #30131, Henderson, NV 89002, USA

UK Branch

Third Floor, 207 Regent Street, London W1B 3HH, UK

References

[1] Juniper Networks. (n.d.). EX3400 Ethernet Switch Specifications. Retrieved November 16, 2026, from https://www.juniper.net/us/en/products/switches/ex-series/ex3400-access-switch/specs.html

[2] Juniper Networks. (n.d.). EX3400 Ethernet Switch Datasheet. Retrieved November 16, 2026, from https://www.juniper.net/content/dam/www/assets/datasheets/us/en/switches/ex3400-ethernet-switch-datasheet.pdf