

Cisco Nexus 7000 F2 network switch module (N7K-F248XP-25)

Nexus 7000 - F2-Series 48x 1G/10G Ethernet Module, SFP/SFP+



Price details:

Price excl. VAT: 24,410.55 €

Eco fees: 0.30 €

VAT 21 %: 5,126.28 €

Product details:

Product code: N7K-F248XP-25

EAN:

Manufacturer: Cisco

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29,537.13 €

* VAT included

The Cisco Nexus® 7000 48-Port 1 and 10 Gigabit Ethernet F2-Series Module (referred to as the Cisco Nexus 7000 F2-Series Module in this document) offers outstanding flexibility and wire-rate performance on each port. The module enables the deployment of high-density, low-latency, scalable data center architectures.

The Cisco Nexus 7000 Series Switches provide the foundation of the Cisco® Unified Fabric. They are a modular data center-class product line designed for highly scalable 10 Gigabit Ethernet networks. The fabric architecture scales beyond 15 terabits per second (Tbps), designed to support future 40 and 100 Gigabit Ethernet interfaces. To meet the requirements of the most mission-critical network environments, the switches deliver continuous system operations and virtualized services. The Cisco Nexus 7000 Series is powered by the proven Cisco NX-OS Software operating system, with enhanced features to deliver real-time system upgrades with exceptional manageability and serviceability. Its innovative unified fabric design is purpose built to support consolidation of IP and storage networks on a single lossless Ethernet fabric.

Main specifications:

Networking

| | |
|--------------------------|-----------------------------|
| Ethernet LAN data rates: | 1000,10000 Mbit/s |
| Full duplex: | Y |
| Flow control support: | Y |
| Networking standards: | IEEE 802.1Qaz,IEEE 802.1Qbb |
| Jumbo frames support: | Y |

Optical fiber

| | |
|------------------------|----------|
| Fiber optic connector: | SFP,SFP+ |
|------------------------|----------|

Data transmission

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|---------------------|---------------|
| MAC address table: | 16384 entries |
| Switching capacity: | 1100 Gbit/s |
| Forwarding rate: | 720 Mpps |
| Number of VLANs: | 4096 |

Ports & interfaces

| | |
|-----------------------|----|
| Fiber ports quantity: | 48 |
|-----------------------|----|

Performance

| | |
|-----------------------|------------------|
| Buffer size per port: | 72 MB |
| Compatibility: | Cisco Nexus 7000 |

Management features

| | |
|-----------------------------------|------|
| Quality of Service (QoS) support: | Y |
| Management platform: | DCNM |

Security

| | |
|--------------------------------|--|
| Access Control List (ACL): | Y |
| Power | |
| Power consumption (typical): | 350 W |
| Weight & dimensions | |
| Dimensions (WxDxH): | 389 x 556 x 44 mm |
| Weight: | 6300 g |
| Certificates | |
| Safety: | UL/CSA/IEC/EN 60950-1, AS/NZS 60950 |
| Electromagnetic compatibility: | FCC Part 15 (CFR 47) (USA) Class A, ICES-003 (Canada) Class A, EN55022 (Europe) Class A, CISPR22 (International) Class A, AS/NZS CISPR22 (Australia and New Zealand) Class A, VCCI (Japan) Class A, KN22 (Korea) Class A, CNS13438 (Taiwan) Class A, CISPR24, EN55024, EN50082-1, EN61000-3-2, EN61000-3-3, EN61000-6-1, EN300 386 |

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