Cisco Nexus 7000 F2e network switch module (N7K-F248XP-25E=)

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

Price details:
Price excl. VAT: 29,024.42 €
Eco fees: 0.00 €
VAT 21 %: 6,095.13 €

Product details:
Product code: N7K-F248XP-25E=
EAN: 0882658522123
Manufacturer: Cisco

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35,119.55 €

* VAT included

The Cisco Nexus® 7000 Enhanced F2-Series 48-Port Fiber 1 and 10 Gigabit Ethernet Module (referred to as the Cisco Nexus 7000 F2e-Series Fiber 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 architecture.

The Cisco Nexus 7000 Switches provide the foundation for 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 Switches 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 Mbit/s
Flow control support:	Y
Networking standards:	IEEE 802.1Qaz,IEEE 802.1Qbb

Optical fiber
Fiber optic connector:	SFP,SFP+

Data transmission
MAC address table:	16384 entries
Forwarding rate:	720 Mpps
Bandwidth:	480 Gbit/s

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

Operational conditions
Operating temperature (T-T):	0 - 40 °C
Storage temperature (T-T):	-40 - 70 °C
Operating relative humidity (H-H):	5 - 90 %
Storage relative humidity (H-H):	5 - 95 %
Operating temperature (T-T):	32 - 104 °F

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