

Cisco Nexus 2000 Series N2K-C2248TF-E

Model: N2K-C2248TF-E | Brand: CISCO

Product Overview

Nexus 2000 Series Chassis with Fabric Extender, Nexus 2248TP-E Series 1GE Fabric Extender 48x100/1000Base-T + 4x10GE (includes 8 Fabric Extender Transceivers)

Product page: <https://www.linknewnet.com/products/n2k-c2248tf-e>

Quick Specifications

Attribute	Value
Fabric extender fabric interfaces	4
Type	Cisco Nexus 2248TP-E with 48x100/1000Base-T + 4x10GE (includes 8 Fabric Extender Transceivers)
Fabric extender host interfaces	48
Fabric extender host interfaces type	100BASE-T/1000BASE-T ports: RJ-45 connectors
Fabric speed	40 Gbps in each direction (80 Gbps full duplex)
Regulatory compliance	Products should comply with CE Markings according to directives 2004/108/EC and 2006/95/EC.
Heat dissipation	322/403 BTU/hour (typical/maximum)
Performance	Hardware forwarding at 176 Gbps or 131 mpps
Cisco parent switch	Cisco Nexus 5000 Series Cisco Nexus 6000 Cisco Nexus 7000 Series Cisco Nexus 9000 Series
Dimensions (H x W x D)	1.72 x 17.3 x 17.7 in. (4.37 x 43.94 x 44.96 cm)
Weight	17.7 lb (8.0 kg) *Systems are fully loaded with two power supplies and one fan tray
Fan tray	N2K-C2248-FAN and N2K-C2248-FAN-B
Typical input operating power	95W (max 110W)
Output current	8A/10A (typical/maximum)
Enhanced Ethernet	DCB (Cisco Nexus 2232PP)
Monitoring MIBs	RMON-MIB
Security	Local classification (256 access control list [ACL] entries)
Safety	UL 60950-1 CAN/CSA-C22.2 No. 60950-1EN 60950-1 IEC 60950-1AS/NZS 60950-1GB4943
RoHS	The Cisco Nexus 2148T is RoHS-5 compliant, and the Cisco Nexus 2224T, 2248TP, 2232PP, 2248PQ, 2232TM, and 2232TM-E are RoHS-6 compliant.
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Replacement / Alternative Options

If the N2K-C2248TF-E is out of stock or end-of-life, these same-brand alternatives deliver comparable capability. Contact our sales team to confirm availability.

Model	Specification
N2K-C2232PP	Nexus 2232PP Series 10GE Fabric Extender, 32x1/10GE (req SFP/SFP+) + 8x10GE (req SFP+)
N2K-C2232TF-E	Nexus 2000 Series Chassis with Fabric Extender, Nexus 2232TM-E 10GBASE-T Fabric Extender, 32x1/10GBase-T + 8x10GE Module (includes 16 Fabric Extender

Request availability: [Ask for current stock](#) of N2K-C2248TF-E or its alternatives.

Buying from LinkNewNet

Every unit is [fully tested](#) (ports verified, firmware validated) and covered by [warranty](#).