

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

N2K-C2248TP-E-1GE

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	N2K-C2248TP-E-1GE
Document Type	Product Datasheet
Condition	Brand New, Original and Verified
Supplier	Layer23-Switch.com

200+ Countries Sold	18,000+ Customers Trusted	\$20M Inventory Available	1-Year Warranty Support
-------------------------------	-------------------------------------	-------------------------------------	-----------------------------------

Need Price or Availability?

View product details, check stock, or request a fast quotation from Layer23-Switch.

[View Product Page & Request a Quote](#)



N2K-C2248TP-E-1GE Datasheet



The Cisco N2K-C2248TP-E-1GE datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the N2K-C2248TP-E-1GE and integrate it into enterprise or service provider networks with confidence.

[Read More](#) | [Quote](#)

Key Features

Nexus Fabric Extender access model

N2K-C2248TP-E-1GE operates as a Fabric Extender under a supported Nexus parent switch, giving engineers centralized access-port management instead of another independently managed rack switch.

48-port 1G copper host connectivity

The 48 100/1000BASE-T ports fit data center racks that still need 1G copper server, storage, appliance, or management connections.

Four 10G SFP+ fabric interfaces

The four fabric interfaces connect upstream to the Nexus parent switch using 10G SFP+ media, so optics, FET transceivers, or supported cables should be confirmed before quoting.

32 MB buffer on the enhanced 2248TP-E model

The 2248TP-E model provides a 32 MB shared buffer, which is one of the key reasons buyers compare it against older 2248TP variants.

Airflow and power-supply choice at ordering

Cisco lists this SKU with choice of airflow and power supply, so procurement should match port-side intake or exhaust and AC or DC power to the rack design.

Separate fabric-media decision from the chassis order

Choose N2K-C2248TP-E-1GE when the buyer wants the 2248TP-E FEX profile and will confirm fabric media separately; choose N2K-C2248TF-E when the project specifically needs a FET-included bundle.

Specification

Parameter	Details	Parameter	Details
SKU	N2K-C2248TP-E-1GE	Product Type	Cisco Nexus Fabric Extender
Product Model	Cisco Nexus 2248TP-E	Host Interfaces	48 x 100/1000BASE-T
Fabric Interfaces	4 x 10 Gigabit Ethernet SFP+	Fabric Media	10G SFP+ required
Fabric Speed	40 Gbps in each direction / 80 Gbps full duplex	Hardware Forwarding	176 Gbps / 131 Mpps
Shared Buffer	32 MB	MAC Addresses	32,000
Form Factor	1RU	Power Supplies Included	2
Fan Modules Included	1	Airflow	Port-side exhaust or port-side intake options
Management Model	Managed by Cisco Nexus parent switch	Software Handling	Downloaded and upgraded from the parent switch

Want to Buy

[Order Now](#) [Get a Quote](#)

Why Layer23-Switch.com

As a leading network hardware supplier, Layer23-Switch.com focuses on original new ICT equipment of Cisco, H3C, Juniper, etc.

200+ Countries we Sold
18,000+ Customers Trusted
\$20,000,000 Inventory Available
50%-98% Off Global List Price
100% Safe Online Shopping

Contact Us

- WhatsApp: [+8617181189993](https://wa.me/+8617181189993)
- Wechat: [layer23-switch](https://www.wechat.com/qrcode/business?business_qr_code=layer23-switch)
- Telegram: [layer23_switch](https://t.me/layer23_switch)
- Email: sales@layer23-switch.com

Need Price and Availability for N2K-C2248TP-E-1GE?

View product details, request a quote, or check current stock from Layer23-Switch.

[View Product Details & Request a Quote](#)