

BRAND NEW &amp; VERIFIED



## VERIFIED PRODUCT DATASHEET

# C9350-48TX

Cisco Network Hardware Specification, Availability and Quote Reference

<b>Product Model</b>	<b>C9350-48TX</b>
<b>Document Type</b>	<b>Product Datasheet</b>
<b>Condition</b>	<b>Brand New, Original and Verified</b>
<b>Supplier</b>	<b>Layer23-Switch.com</b>

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## C9350-48TX Datasheet

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The Cisco C9350-48TX datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the C9350-48TX and integrate it into enterprise or service provider networks with confidence.



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### Key Features

#### Optimized Data-Centric ROI

Engineered specifically for high-speed data environments that do not require power delivery. It reduces capital costs by eliminating unused PoE circuitry while retaining flagship Dual ASIC performance.

#### Dual Silicon One Power

Powered by two Cisco Silicon One A100/L ASICs, delivering 1.3 Tbps throughput per chip. This ensures consistent, wire-speed performance even during massive file transfers and microbursts.

#### 400G-Ready Modular Uplinks

Exclusive support for the C9350-NM-4C module allows for up to 400 Gbps uplink bandwidth. Seamlessly migrate from 40G to 100G/400G core connections without replacing the hardware.

#### Industry-Leading StackWise-1.6T

Manage up to eight switches as a single logical unit. The 1.6 Tbps stacking bandwidth ensures that expanding port density never creates a traffic bottleneck between stack members.

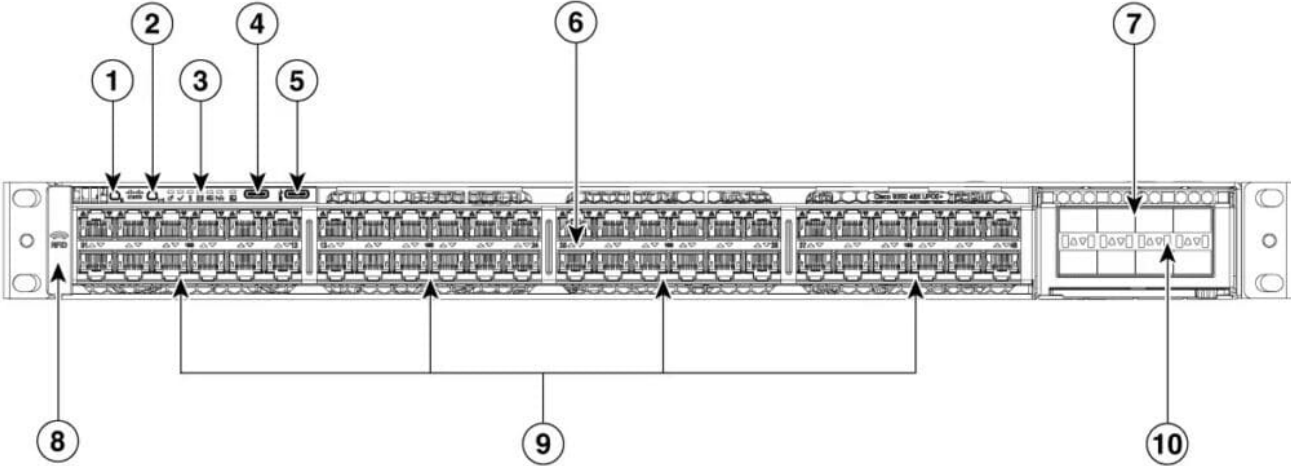
#### Hardware-Led Security

Hardware-ready for line-rate MACsec AES-GCM-256 and IPsec encryption. It secures sensitive data from the access edge to the core with zero performance degradation.

#### Edge Intelligence & Hosting

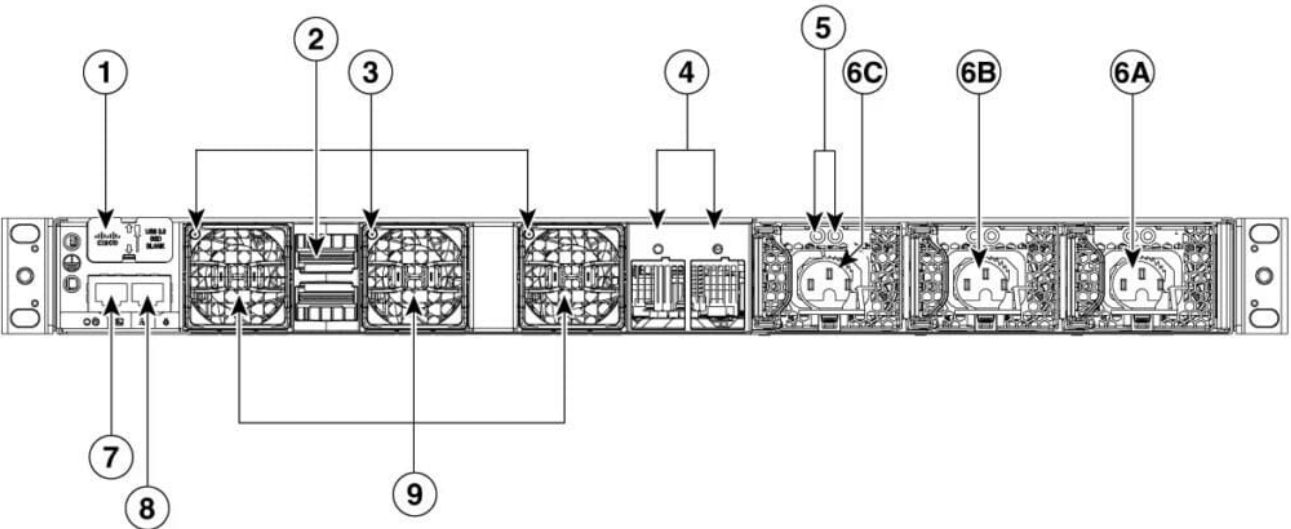
Features an x86 multicore CPU with SSD support to host containerized apps locally. Run monitoring tools like Cisco ThousandEyes directly on the switch for real-time visibility.

### C9350-48TX Switch Front Panel



1	Beacon LED (UID button)	6	Mgig port LEDs
2	Mode button	7	Network modules
3	Status LEDs	8	Optional RFID
4	USB-C console port	9	24x2 Multigigabit Ethernet RJ-45 ports
5	USB-C host port	10	Network module LEDs

### C9350-48TX Switch Rear Panel



1	USB3.0-SSD port	6	Power supply modules
2	StackWise ports and connectors	7	RJ-45 console port
3	Fan status LEDs	8	Ethernet management port
4	StackPower ports and connectors	9	Fan modules
5	Power supply LEDs AC OK (input) status LED PS OK (output) status LED	-	-

## Specification

Parameter	Details	Parameter	Details
Dimensions (H x W x D)	4.4 x 44.5 x 47.2 cm	Weight (with default PSU)	8 kg (17.7 lb)
Rack Units	1 RU	Airflow Direction	Front-to-back
Switching Capacity (Standalone)	1760 Gbps	Forwarding Rate (Standalone)	1309.44 Mpps
Switching Capacity (Stacked)	3360 Gbps	Forwarding Rate (Stacked)	2499.84 Mpps
Stacking Bandwidth	1.6 Tbps	Stacking Architecture	StackWise-1.6T
DRAM	16 GB	Flash Memory	18 GB
Packet Buffer	36 MB	SSD Storage Support	Up to 240 GB (via USB 3.0 SSD slot)
Total MAC Addresses	64,000	IPv4 Routes	192,000
IPv6 Routes	96,000	Multicast Routes	8,000
VLAN IDs	4094	Switched Virtual Interfaces (SVIs)	2000
QoS ACL Scale (IPv4/IPv6)	2000 / 1000	Security ACL Scale (IPv4/IPv6)	5000 / 2500
NetFlow Entries (IPv4/IPv6)	64,000 / 32,000	Jumbo Frames	9216 bytes
PoE Capability	No PoE (Data Only)	PoE Budget	N/A
Default Power Supply	PWR-C2-500WAC	Power Supply Slots	3
Input Voltage (500W PSU)	90V to 264V AC	Input Frequency	47 Hz to 63 Hz
Operating Temperature	-5° to 45° C (up to 6000 ft)	Storage Temperature	-40° to 75° C

Parameter	Details	Parameter	Details
Relative Humidity	10% to 95% non-condensing	MTBF	261,150 hours
App Hosting CPU	4 vCPU (x86-based)	App Hosting DRAM	8 GB

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