

TECHNICAL DATASHEET

CISCO • NETWORKING

Cisco Business 250 48-port Gigabit partial PoE+ smart switch, 4x 1G SFP uplinks (EU power cord)

Business 250 smart switch - 48x 10/100/1000 ports with partial PoE+, 4x 1G SFP uplinks, 195W PoE budget

SKU CBS250-48PP-4G-EU

1U

Cisco



DOWNLINK PORTS

48x 10/100/1000 ports
with partial PoE+

SWITCHING CAPACITY

104 Gbps

DIMENSIONS

445 x 350 x 44 mm (W x
D x H)

PRICE

On request



REQUEST A QUOTATION ONLINE

serverinvest.com/product/cisco-cbs250-48pp-4g-eu



01 Product overview

The Cisco CBS250-48PP-4G-EU is a Business 250 smart switch that provides 48x 10/100/1000 ports with partial PoE+ and 4x 1G SFP uplinks, with a 195 W PoE+ (802.3at) power budget for phones, wireless access points and cameras. It delivers 104 Gbps of switching capacity and a forwarding rate of 77.38 Mpps, ensuring wire-speed performance for everyday business traffic.

Cisco Business 250 smart switches combine simple deployment with a solid feature set: Layer 3 static routing, VLANs, QoS, IPv6 support, 802.1X authentication and advanced security features. They are managed through an intuitive web interface or text-view CLI and integrate with Cisco Business Dashboard and the Cisco Business mobile app for centralised monitoring.

The -EU suffix denotes the European power cord variant; hardware and features are identical to other regional versions. It is a dependable choice for offices, retail outlets, schools and growing SMB networks where powered endpoints such as IP phones, Wi-Fi access points and security cameras need to be supported. ServerInvest supplies Cisco switching across Europe - contact us for pricing, availability and project quotes.

KEY SPECIFICATIONS

Manufacturer part number	CBS250-48PP-4G-EU
Series	Business 250
Switch type	Layer 2+ smart (up to 32 static routes)
Regional variant	EU (Schuko) power cord
Downlink ports	48x 10/100/1000 ports with partial PoE+
Uplinks	4x 1G SFP uplinks
PoE standard	PoE+ (802.3at), partial
PoE budget	195 W
Switching capacity	104 Gbps
Forwarding rate	77.38 Mpps
MAC address table	8,000
VLANs	255 active VLANs

HIGHLIGHTS

- 48x 10/100/1000 ports with partial PoE+ with 195 W PoE+ (802.3at) budget
- 4x 1G SFP uplinks
- 104 Gbps switching capacity, 77.38 Mpps forwarding rate
- Layer 2+ with static routing (up to 32 routes) and IPv6
- 802.1X, ACLs and advanced security
- Limited lifetime warranty

02 Full specifications

GENERAL

Manufacturer part number	CBS250-48PP-4G-EU
Series	Business 250
Switch type	Layer 2+ smart (up to 32 static routes)
Regional variant	EU (Schuko) power cord

PORTS

Downlink ports	48x 10/100/1000 ports with partial PoE+
Uplinks	4x 1G SFP uplinks

POWER OVER ETHERNET

PoE standard	PoE+ (802.3at), partial
PoE budget	195 W

PERFORMANCE

Switching capacity	104 Gbps
Forwarding rate	77.38 Mpps
MAC address table	8,000
VLANs	255 active VLANs
Jumbo frames	9,000 bytes
Packet buffer	3 MB

HARDWARE

CPU	800 MHz ARM
DRAM	512 MB
Flash	256 MB
Stacking	Not supported

POWER

Power supply	Internal power supply
Power consumption (typical/system)	68.68 W
Power consumption (maximum, incl. PoE load)	276.75 W
Heat dissipation	944.31 BTU/hr

PHYSICAL

Form factor	1U rack-mountable
Dimensions	445 x 350 x 44 mm (W x D x H)
Weight	5.43 kg
Cooling	1 fan (37.3 dBA)

ENVIRONMENTAL

Operating temperature	-5°C to +50°C
MTBF	1,206,349 hours

WARRANTY

Warranty	Limited lifetime warranty
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03 Engineered, delivered & supported by ServerInvest

Engineering & sizing

Selected and sized against your real IT load, room and redundancy targets.

Installation

Delivery, installation and commissioning by our engineers across Europe.

Certified processes

ISO 9001, ISO 14001 and ISO 27001 certified project delivery.

Service & support

Maintenance, spare parts and support from a single partner.



Interested in this solution?

Request a quotation online or talk to a solutions engineer — we reply within one business day.
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