

TECHNICAL DATASHEET

CISCO • NETWORKING

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

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-uk



01 Product overview

The Cisco CBS250-48PP-4G-UK 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.

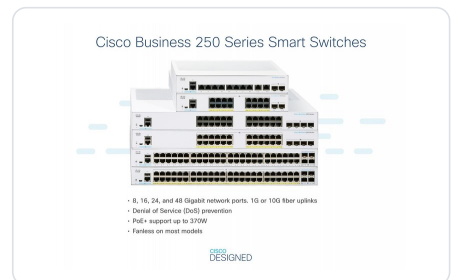
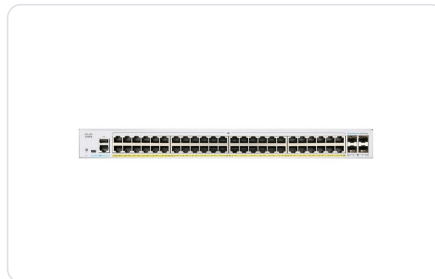
The -UK suffix denotes the United Kingdom power cord variant; hardware and features are identical to other regional versions. It is a dependable choice for offices, retail outlets, schools and growing SMB networks where powered endpoints such as IP phones, Wi-Fi access points and security cameras need 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-UK
Series	Business 250
Switch type	Layer 2+ smart (up to 32 static routes)
Regional variant	UK (BS 1363) 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-UK
Series	Business 250
Switch type	Layer 2+ smart (up to 32 static routes)
Regional variant	UK (BS 1363) 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

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Installation

Delivery, installation and commissioning by our engineers across Europe.

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