

## TECHNICAL DATASHEET

CISCO · NETWORKING

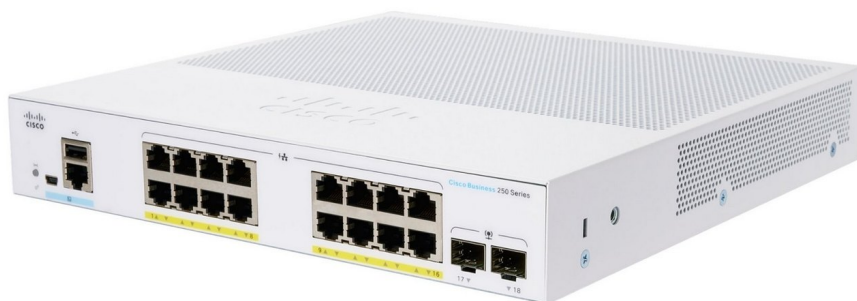
# Cisco Business 250 16-port Gigabit PoE+ smart switch, 2x 1G SFP uplinks (UK power cord)

Business 250 smart switch - 16x 10/100/1000 PoE+ ports, 2x 1G SFP uplinks, 120W PoE budget

SKU CBS250-16P-2G-UK

1U

Cisco



## DOWNLINK PORTS

16x 10/100/1000 PoE+ ports

## SWITCHING CAPACITY

36 Gbps

## DIMENSIONS

268 x 297 x 44 mm (W x D x H)

## PRICE

On request



REQUEST A QUOTATION ONLINE

[serverinvest.com/product/cisco-cbs250-16p-2g-uk](https://serverinvest.com/product/cisco-cbs250-16p-2g-uk)



## 01 Product overview

The Cisco CBS250-16P-2G-UK is a Business 250 smart switch that provides 16x 10/100/1000 PoE+ ports and 2x 1G SFP uplinks, with a 120 W PoE+ (802.3at) power budget for phones, wireless access points and cameras. It delivers 36 Gbps of switching capacity and a forwarding rate of 26.78 Mpps, ensuring wire-speed performance for everyday business traffic. Its fanless design keeps operation completely silent, so it can be installed close to users.

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.

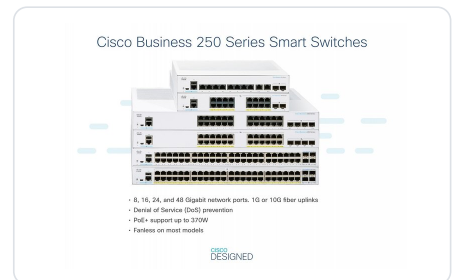
The -UK suffix denotes the United Kingdom power cord variant; hardware and features are identical to other regional versions. It is a dependable choice for offices, retail outlets, schools and growing SMB networks where powered endpoints such as IP phones, Wi-Fi access points and security cameras need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

### KEY SPECIFICATIONS

|                          |                                                |
|--------------------------|------------------------------------------------|
| Manufacturer part number | <b>CBS250-16P-2G-UK</b>                        |
| Series                   | <b>Business 250</b>                            |
| Switch type              | <b>Layer 2+ smart (up to 32 static routes)</b> |
| Regional variant         | <b>UK (BS 1363) power cord</b>                 |
| Downlink ports           | <b>16x 10/100/1000 PoE+ ports</b>              |
| Uplinks                  | <b>2x 1G SFP uplinks</b>                       |
| PoE standard             | <b>PoE+ (802.3at)</b>                          |
| PoE budget               | <b>120 W</b>                                   |
| Switching capacity       | <b>36 Gbps</b>                                 |
| Forwarding rate          | <b>26.78 Mpps</b>                              |
| MAC address table        | <b>8,000</b>                                   |
| VLANs                    | <b>255 active VLANs</b>                        |

### HIGHLIGHTS

- 16x 10/100/1000 PoE+ ports with 120 W PoE+ (802.3at) budget
- 2x 1G SFP uplinks
- 36 Gbps switching capacity, 26.78 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 | CBS250-16P-2G-UK                        |
| Series                   | Business 250                            |
| Switch type              | Layer 2+ smart (up to 32 static routes) |
| Regional variant         | UK (BS 1363) power cord                 |

## PORTS

|                |                            |
|----------------|----------------------------|
| Downlink ports | 16x 10/100/1000 PoE+ ports |
| Uplinks        | 2x 1G SFP uplinks          |

## POWER OVER ETHERNET

|              |                |
|--------------|----------------|
| PoE standard | PoE+ (802.3at) |
| PoE budget   | 120 W          |

## PERFORMANCE

|                    |                  |
|--------------------|------------------|
| Switching capacity | 36 Gbps          |
| Forwarding rate    | 26.78 Mpps       |
| MAC address table  | 8,000            |
| VLANs              | 255 active VLANs |
| Jumbo frames       | 9,000 bytes      |
| Packet buffer      | 1.5 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)          | 24.51 W               |
| Power consumption (maximum, incl. PoE load) | 156.4 W               |
| Heat dissipation                            | 536.05 BTU/hr         |

## PHYSICAL

|             |                               |
|-------------|-------------------------------|
| Form factor | 1U rack-mountable             |
| Dimensions  | 268 x 297 x 44 mm (W x D x H) |
| Weight      | 2.38 kg                       |
| Cooling     | Fanless                       |

## ENVIRONMENTAL

|                       |               |
|-----------------------|---------------|
| Operating temperature | -5°C to +50°C |
| MTBF                  | 706,983 hours |

## WARRANTY

|          |                           |
|----------|---------------------------|
| Warranty | Limited lifetime warranty |
|----------|---------------------------|

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