

## TECHNICAL DATASHEET

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# Cisco Business 220 48-port Gigabit PoE+ smart switch, 4x 10G SFP+ uplinks (UK power cord)

Business 220 smart switch - 48x 10/100/1000 PoE+ ports, 4x 10G SFP+ uplinks, 382W PoE budget

SKU CBS220-48P-4X-UK

1U

Cisco



## DOWNLINK PORTS

48x 10/100/1000 PoE+ ports

## SWITCHING CAPACITY

176 Gbps

## DIMENSIONS

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

## PRICE

On request



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[serverinvest.com/product/cisco-cbs220-48p-4x-uk](https://serverinvest.com/product/cisco-cbs220-48p-4x-uk)



## 01 Product overview

The Cisco CBS220-48P-4X-UK is a Business 220 smart switch that provides 48x 10/100/1000 PoE+ ports and 4x 10G SFP+ uplinks, with a 382 W PoE+ (802.3at) power budget for phones, wireless access points and cameras. It delivers 176 Gbps of switching capacity and a forwarding rate of 130.94 Mpps, ensuring wire-speed performance for everyday business traffic.

Cisco Business 220 smart switches give small businesses easy-to-use management with an intuitive web interface, VLANs, QoS, IGMP snooping, link aggregation and port security, plus PoE+ on selected models. They can be deployed and monitored with the Cisco Business mobile app and Cisco Business Dashboard, making day-to-day operations simple for teams without dedicated network staff.

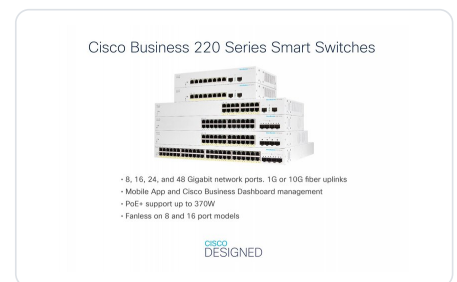
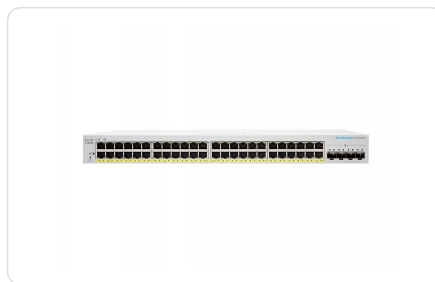
The -UK suffix denotes the United Kingdom power cord variant; hardware and features are identical to other regional versions. It is a dependable choice for offices, retail outlets, schools and growing SMB networks where powered endpoints such as IP phones, Wi-Fi access points and security cameras need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

### KEY SPECIFICATIONS

|                          |                                   |
|--------------------------|-----------------------------------|
| Manufacturer part number | <b>CBS220-48P-4X-UK</b>           |
| Series                   | <b>Business 220</b>               |
| Switch type              | <b>Layer 2 smart managed</b>      |
| Regional variant         | <b>UK (BS 1363) power cord</b>    |
| Downlink ports           | <b>48x 10/100/1000 PoE+ ports</b> |
| Uplinks                  | <b>4x 10G SFP+ uplinks</b>        |
| PoE standard             | <b>PoE+ (802.3at)</b>             |
| PoE budget               | <b>382 W</b>                      |
| Switching capacity       | <b>176 Gbps</b>                   |
| Forwarding rate          | <b>130.94 Mpps</b>                |
| MAC address table        | <b>8,192</b>                      |
| VLANs                    | <b>256</b>                        |

### HIGHLIGHTS

- 48x 10/100/1000 PoE+ ports with 382 W PoE+ (802.3at) budget
- 4x 10G SFP+ uplinks
- 176 Gbps switching capacity, 130.94 Mpps forwarding rate
- Smart management via web GUI, Cisco Business app and Dashboard
- VLANs, QoS, IGMP snooping and link aggregation



## 02 Full specifications

### GENERAL

|                          |                         |
|--------------------------|-------------------------|
| Manufacturer part number | CBS220-48P-4X-UK        |
| Series                   | Business 220            |
| Switch type              | Layer 2 smart managed   |
| Regional variant         | UK (BS 1363) power cord |

### PORTS

|                |                            |
|----------------|----------------------------|
| Downlink ports | 48x 10/100/1000 PoE+ ports |
|----------------|----------------------------|

|         |                     |
|---------|---------------------|
| Uplinks | 4x 10G SFP+ uplinks |
|---------|---------------------|

## POWER OVER ETHERNET

|              |                |
|--------------|----------------|
| PoE standard | PoE+ (802.3at) |
| PoE budget   | 382 W          |

## PERFORMANCE

|                    |             |
|--------------------|-------------|
| Switching capacity | 176 Gbps    |
| Forwarding rate    | 130.94 Mpps |
| MAC address table  | 8,192       |
| VLANs              | 256         |
| Jumbo frames       | 9,216 bytes |
| Packet buffer      | 16 Mb       |

## HARDWARE

|          |               |
|----------|---------------|
| DRAM     | 256 MB        |
| Flash    | 64 MB         |
| Stacking | Not supported |

## POWER

|                                             |                       |
|---------------------------------------------|-----------------------|
| Power supply                                | Internal power supply |
| Power consumption (typical/system)          | 54.8 W                |
| Power consumption (maximum, incl. PoE load) | 482 W                 |
| Heat dissipation                            | 1644.65 BTU/hr        |

## PHYSICAL

|             |                               |
|-------------|-------------------------------|
| Form factor | 1U rack-mountable             |
| Dimensions  | 440 x 350 x 44 mm (W x D x H) |
| Weight      | 5.36 kg (11.82 lb)            |
| Cooling     | 1 fan (35.1 dB)               |

## ENVIRONMENTAL

|                       |               |
|-----------------------|---------------|
| Operating temperature | 0°C to +50°C  |
| MTBF                  | 265,589 hours |

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