

## TECHNICAL DATASHEET

CISCO • NETWORKING

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

Business 220 smart switch - 48x 10/100/1000 full PoE+ ports, 4x 10G SFP+ uplinks, 740W PoE budget

SKU CBS220-48FP-4X-EU

1U

Cisco



## DOWNLINK PORTS

48x 10/100/1000 full PoE+ ports

## SWITCHING CAPACITY

176 Gbps

## DIMENSIONS

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

## PRICE

On request



## REQUEST A QUOTATION ONLINE

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



## 01 Product overview

The Cisco CBS220-48FP-4X-EU is a Business 220 smart switch that provides 48x 10/100/1000 full PoE+ ports and 4x 10G SFP+ uplinks, with a 740 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 -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.

### HIGHLIGHTS

- 48x 10/100/1000 full PoE+ ports with 740 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 | CBS220-48FP-4X-EU      |
| Series                   | Business 220           |
| Switch type              | Layer 2 smart managed  |
| Regional variant         | EU (Schuko) power cord |

### PORTS

|                |                                 |
|----------------|---------------------------------|
| Downlink ports | 48x 10/100/1000 full PoE+ ports |
| Uplinks        | 4x 10G SFP+ uplinks             |

### POWER OVER ETHERNET

|              |                |
|--------------|----------------|
| PoE standard | PoE+ (802.3at) |
| PoE budget   | 740 W          |

### PERFORMANCE

|                    |          |
|--------------------|----------|
| Switching capacity | 176 Gbps |
|--------------------|----------|

### KEY SPECIFICATIONS

|                          |                                 |
|--------------------------|---------------------------------|
| Manufacturer part number | CBS220-48FP-4X-EU               |
| Series                   | Business 220                    |
| Switch type              | Layer 2 smart managed           |
| Regional variant         | EU (Schuko) power cord          |
| Downlink ports           | 48x 10/100/1000 full PoE+ ports |
| Uplinks                  | 4x 10G SFP+ uplinks             |
| PoE standard             | PoE+ (802.3at)                  |
| PoE budget               | 740 W                           |
| Switching capacity       | 176 Gbps                        |
| Forwarding rate          | 130.94 Mpps                     |
| MAC address table        | 8,192                           |
| VLANs                    | 256                             |

|                   |             |
|-------------------|-------------|
| 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)          | 65.7 W                |
| Power consumption (maximum, incl. PoE load) | 900 W                 |
| Heat dissipation                            | 3070.92 BTU/hr        |

## PHYSICAL

|             |                               |
|-------------|-------------------------------|
| Form factor | 1U rack-mountable             |
| Dimensions  | 440 x 350 x 44 mm (W x D x H) |
| Weight      | 5.65 kg (12.46 lb)            |
| Cooling     | 1 fan (37.7 dB)               |

## ENVIRONMENTAL

|                       |               |
|-----------------------|---------------|
| Operating temperature | 0°C to +50°C  |
| MTBF                  | 289,406 hours |

## 03 Engineered, delivered & supported by ServerInvest

### Engineering & sizing

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

### Installation

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### Certified processes

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## Interested in this solution?

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