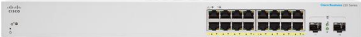


Cisco Business 220 Series CBS220-16P-2G (CBS220-16P-2G-EU)

Cisco Business 220 Series CBS220-16P-2G - Switch - smart - 16 x 10/100/1000 (PoE+) + 2 x Gigabit SFP (uplink) - rack-mountable - PoE+ (130 W)

The Cisco Business CBS220-16P-2G switch is simple and affordable smart switch for business-class network. CBS220 series bridge the gap between the affordability of an unmanaged device and the ease-of-use of smart switches. With their intuitive dashboard, mobile app support, and multiple Power over Ethernet (PoE) options, these switches deliver a solid business network.



Key Selling Points

- Easy configuration and deployment
- Reliability and performance
- Network security
- Optimal energy efficiency
- Peace of mind and investment protection

Product Features

- SWITCH PORTS**
16-Port 10/100/1000 + 2 x 1G SFP
- POWER-OVER-ETHERNET**
16 PoE ports with 130W total power budget, PoE, PoE+
- SIMPLE**
Intuitive on-box UI, mobile app and Cisco Business Dashboard simplifies network operations and automates lifecycle management
- SECURITY**
Integrated with IEEE 802.1X to control access to your network, Denial-of- Service (DoS) attack prevention increases network uptime during an attack, while Access Control Lists (ACLs) protect the network from unauthorized users
- INNOVATIVE DESIGN**
Elegant and compact design, ideal for installation outside of wiring closet such as retail stores, open plan offices, and classrooms

Main specifications

Product Description	Cisco Business 220 Series CBS220-16P-2G - switch - 18 ports - smart - rack-mountable
Device Type	Switch - 18 ports - smart
Enclosure Type	Rack-mountable
Subtype	Gigabit Ethernet
Ports	16 x 10/100/1000 (PoE+) + 2 x Gigabit SFP (uplink)
Power Over Ethernet (PoE)	PoE+
PoE Budget	130 W
Performance	Forwarding performance (64-byte packet size): 26.78 Mpps Switching capacity: 36 Gbps
Capacity	MSTP instances: 16 VLANs supported: 256 ACL rules: 512 Buffer capacity (MB): 4.1
MAC Address Table Size	8192 entries
Jumbo Frame Support	9216 bytes
Routing Protocol	STP, RSTP, MSTP, IGMP, IGMPv2, IGMPv3, MLD, MLDv2
Remote Management Protocol	RSTP, ICMP, RADIUS, TACACS+, SSH, SCP, SSH-2, HTTPS, HTTP, Telnet, CLI, SNMP 1, SNMP 2c, SNMP 3, RMON, TFTP, DHCP
Features	QoS, 802.1x authentication, ACL support, BPDU Guard, DoS attack prevention, Energy Efficient Ethernet, MAC address filtering, LACP support, VLAN support, VLAN management, Guest VLAN, auto voice VLAN, GVRP, HOL Blocking Prevention, loopback detection, Auto MDIX, DSCP support, UDP, TCP support, Port Security, Broadcast Storm Control, Multicast Storm Control, Unknown Storm Control, STP loop guard, WRR, ToS, DiffServ support, IGMP snooping, NDP, DAD, Telnet server, DHCP client, CDP, LLDP support, MIB, port mirroring, dual firmware images, BOOTP support, Cable Diagnostics Function, Syslog support, LLDP-MED, fanless

Compliant Standards	IEEE 802.1x, IEEE 802.3az, IEEE 802.1D, IEEE 802.1w, IEEE 802.1s, IEEE 802.3ad (LACP), IEEE 802.1Q, IEEE 802.1p, IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.1ab (LLDP), IEEE 802.3x, IEEE 802.3af, IEEE 802.3at
Power	AC 100-240 V (50/60 Hz)
Dimensions (WxDxH)	44 cm x 20.3 cm x 4.4 cm
Weight	3.03 kg
Localisation	European Economic Area, Switzerland, Turkey, Russia, Ukraine, Israel, United Arab Emirates, Egypt, South Africa, Indonesia, Philippines, Vietnam, Thailand, Korea
Manufacturer Warranty	3-year warranty

Extended specification

General

Device Type	Switch - 18 ports - smart
Enclosure Type	Rack-mountable
Subtype	Gigabit Ethernet
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Remote Management Protocol	RSTP, ICMP, RADIUS, TACACS+, SSH, SCP, SSH-2, HTTPS, HTTP, Telnet, CLI, SNMP 1, SNMP 2c, SNMP 3, RMON, TFTP, DHCP
Encryption Algorithm	SSL
Authentication Method	RADIUS, TACACS, TACACS+, Secure Shell (SSH), Secure Shell v.2 (SSH2)
Features	QoS, 802.1x authentication, ACL support, BPDU Guard, DoS attack prevention, Energy Efficient Ethernet, MAC address filtering, LACP support, VLAN support, VLAN management, Guest VLAN, auto voice VLAN, GVRP, HOL Blocking Prevention, loopback detection, Auto MDIX, DSCP support, UDP, TCP support, Port Security, Broadcast Storm Control, Multicast Storm Control, Unknown Storm Control, STP loop guard, WRR, ToS, DiffServ support, IGMP snooping, NDP, DAD, Telnet server, DHCP client, CDP, LLDP support, MIB, port mirroring, dual firmware images, BOOTP support, Cable Diagnostics Function, Syslog support, LLDP-MED, fanless
Compliant Standards	IEEE 802.1x, IEEE 802.3az, IEEE 802.1D, IEEE 802.1w, IEEE 802.1s, IEEE 802.3ad (LACP), IEEE 802.1Q, IEEE 802.1p, IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.1ab (LLDP), IEEE 802.3x, IEEE 802.3af, IEEE 802.3at
RAM	256 MB
Flash Memory	64 MB
Status Indicators	System, link/activity/speed

Expansion / Connectivity

Interfaces	16 x 10/100/1000 Base-T RJ-45 PoE+ - 30 W 2 x 1000Base-X SFP uplink
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Manufacturer Warranty

Service & Support	Limited warranty - replacement - 3 years - response time: next business day
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Miscellaneous

Rack Mounting Kit	Included
MTBF	611,476 hours
Compliant Standards	UL 60950, CSA 22.2, FCC CFR47 Part 15 A, C-Tick
Localisation	European Economic Area, Switzerland, Turkey, Russia, Ukraine, Israel, United Arab Emirates, Egypt, South Africa, Indonesia, Philippines, Vietnam, Thailand, Korea

Power

Power Device	Internal power supply
Voltage Required	AC 100-240 V (50/60 Hz)
Power Consumption Operational	160.2 watt

Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	50 °C
Humidity Range Operating	10 - 90% (non-condensing)
Min Storage Temperature	-20 °C
Max Storage Temperature	70 °C
Humidity Range Storage	10 - 90% (non-condensing)

Dimensions & Weight

Width	44 cm
Depth	20.3 cm
Height	4.4 cm
Weight	3.03 kg

What's in the box

- What's in the Box
- Switch
- Power cord or adapter
- Mounting hardware
- and Quick Start Guide

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet