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Overview

Cisco Business 110 Series Unmanaged Switches, part of the Cisco Business networking portfolio, are a family of affordable switches that provide Gigabit Ethernet connectivity for your small business network. Available in desktop and rack-mount models, these switches are designed to suit any small business with basic network needs and are optimized for power efficiency. They provide robust network connectivity your business demands, as well as added reliability with advanced features such as Quality of Service (QoS), loop detection, and cable diagnostics, all in a switch that you can set up yourself in minutes.

Quick Specification

| | |
|---------------------------------------------------------------------|----------------------------------------|
| Product Code | CBS110-16T |
| Capacity in millions of packets per second (mpps) (64-byte packets) | 23.8 mpps |
| Switching capacity in gigabits per second (Gbps) | 32 Gbps |
| Total system ports | 16 Gigabit Ethernet |
| RJ-45 ports | 16 Gigabit Ethernet |
| Packet Buffer | 2 Mbit |
| Unit dimensions (W x D x H) | 279 x 170 x 44 mm (11 x 6.7 x 1.73 in) |

Product Details:

The Front Panel:



The back panel



-High performance

Cisco Business 110 Series switches deliver the performance you need to run your business applications, including bandwidth-intensive cloud applications and video services, and to avoid slow and sluggish networks. They support Gigabit Ethernet speeds, unlocking a new level of capacity and performance in your business network and letting you transfer large files in seconds.

-Reduced energy costs

Cisco Business 110 Series switches are designed to help conserve energy by optimizing power use without compromising performance, which protects our environment and reduces your energy costs. In addition, they support the Energy Efficient Ethernet (IEEE 802.3az) standard, which reduces energy consumption by monitoring the amount of traffic on an active link and putting the link into a sleep state during quiet periods.

-Peace of mind

Cisco Business 110 Series switches deliver the rock-solid reliability you expect from a Cisco switch. The solution has been rigorously tested to make sure of optimal uptime and performance. In addition, the limited lifetime hardware warranty provides peace of mind.

The Accessories for CBS110 Series

Related Modules:

| Model | Description |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| CBS110-8T-D | Cisco Business 110 Unmanaged Switch, 8 10/100/1000 ports |
| CBS110-24T | Cisco Business 110 Unmanaged Switch, 24 10/100/1000 ports, 2 Gigabit SFP (combo with 2 10/100/1000 ports) |
| CBS110-16T | Cisco Business 110 Unmanaged Switch, 16 10/100/1000 ports |
| CBS110-16PP | Cisco Business 110 Unmanaged Switch, 16 10/100/1000 ports (8 support PoE with 64W power budget) |
| CBS110-24PP | Cisco Business 110 Unmanaged Switch, 24 10/100/1000 ports (12 support PoE with 100W power budget), 2 Gigabit SFP (combo with 2 10/100/1000 ports) |
| CBS110-5T-D | Cisco Business 110 Unmanaged Switch, 5 10/100/1000 ports |
| CBS110-8PP-D | Cisco Business 110 Unmanaged Switch, 8 10/100/1000 ports (4 support PoE with 32W power budget) |

Get more information:

Do you have any question about the CBS110-16T?

Contact us now via e-mail: info@hi-network.com

Specific Data Sheet:

| Specifications | Description | | | |
|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------|------------------|
| Capacity in millions of packets per second (mpps) (64-byte packets) | 23.8 mpps | | | |
| Switching capacity in gigabits per second (Gbps) | 32 Gbps | | | |
| Total system ports | 16 Gigabit Ethernet | | | |
| RJ-45 ports | 16 Gigabit Ethernet | | | |
| Packet Buffer | 2 Mbit | | | |
| Unit dimensions (W x D x H) | 279 x 170 x 44 mm (11 x 6.7 x 1.73 in) | | | |
| General | | | | |
| Head-of-line (HOL) blocking | HOL blocking prevention | | | |
| MAC table | 2K addresses for CBS110-5T-D 8K addresses for all other models | | | |
| Jumbo frame | 9216 bytes | | | |
| Quality of Service (QoS) | 802.1p priority based, 4 hardware queues, priority queuing and Weighted Round-Robin (WRR) | | | |
| Loop detection | Helps discover loops in the network to avoid broadcast storms | | | |
| Cable diagnostics | Quickly identify and troubleshoot network cable faults and/or shorts | | | |
| Media-dependent interface | Automatic Media Dependent Interface (MDI) and MDI crossover (MDI-X) | | | |
| Standards | IEEE 802.3 10BASE-T Ethernet, IEEE 802.3u 100BASE-TX Fast Ethernet, IEEE 802.3ab 1000BASE-T Gigabit Ethernet, IEEE 802.3z Gigabit Ethernet, IEEE 802.3x Flow Control, 802.1p priority, Energy Efficient Ethernet, 802.3af, Power over Ethernet | | | |
| Hardware | | | | |
| LEDs | Power, link/activity (cable diagnostics, loop detection), Gigabit, * PoE, * Max PoE. * if present | | | |
| Cabling type | Category 5e or better | | | |
| Mounting options | Desktop, wall-mount or rack mount | | | |
| Physical security lock | Kensington lock slot | | | |
| Flash | 16 MB for CBS110-16T, CBS110-16PP 8 MB for CBS110-24T, CBS110-24PP | | | |
| CPU | 400 MHz ARM for CBS110-16T, CBS110-16PP, CBS110-24T, CBS110-24PP | | | |
| CPU memory | 128 MB for CBS110-16T, CBS110-16PP 64 MB for CBS110-24T, CBS110-24PP | | | |
| Supported SFP modules | SKU | Media | Speed | Maximum distance |
| | MGBSX1 | Multimode fiber | 1000 Mbps | 500 m |
| | MGBLX1 | Single-mode fiber | 1000 Mbps | 10 km |
| | MGBLH1 | Single-mode fiber | 1000 Mbps | 40 km |



| | MGBT1 | UTP cat 5e | 1000 Mbps | 100 m |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|-------|
| Environmental | | | | |
| Power | CBS110-5T-D, CBS110-8T-D: DC 12V, 1.0A CBS110-8PP-D: DC 48V, 1.25A CBS110-16T, CBS110-16PP, CBS110-24T, CBS110-24PP: 110-240VAC, 50-60 Hz, internal, universal | | | |
| Green (power efficiency) | Supports IEEE 802.3az on all copper Gigabit Ethernet ports | | | |
| Compliance/certifications | UL (UL 60950), CSA (CSA 22.2), CE mark, FCC Part 15 (CFR 47) Class A, FCC Class B * *select models | | | |
| Operating temperature | 32° to 104°F (0° to 40°C) | | | |
| Storage temperature | -4° to 158°F (-20° to 70°C) | | | |
| Operating humidity | 10% to 90%, relative, noncondensing | | | |
| Storage humidity | 5% to 90%, relative, noncondensing | | | |
| Warranty | Limited lifetime | | | |
| Package contents | | | | |
| <ul style="list-style-type: none"> • Cisco Business 110 Series switch • Power cord or adapter • Quick start guide • Mounting kit | | | | |
| Minimum requirements | | | | |
| <ul style="list-style-type: none"> • Devices supporting 802.3 Ethernet, 802.3u Fast Ethernet, or 802.3ab Gigabit Ethernet • Cat5e or better Ethernet cable • Network interface card for each computer | | | | |



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