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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	CBS110-24T
Capacity in millions of packets per second (mpps) (64-byte packets)	35.7 mpps
Switching capacity in gigabits per second (Gbps)	48 Gbps
Total system ports	24 Gigabit Ethernet
RJ-45 ports	24 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
<a href="#">CBS110-8T-D</a>	Cisco Business 110 Unmanaged Switch, 8 10/100/1000 ports
<a href="#">CBS110-24T</a>	Cisco Business 110 Unmanaged Switch, 24 10/100/1000 ports, 2 Gigabit SFP (combo with 2 10/100/1000 ports)
<a href="#">CBS110-16T</a>	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 CBS110-24T?

Contact us now via e-mail: [info@hi-network.com](mailto:info@hi-network.com)

## Specific Data Sheet:

Specifications	Description								
Capacity in millions of packets per second (mpps) (64-byte packets)	35.7 mpps								
Switching capacity in gigabits per second (Gbps)	48 Gbps								
Total system ports	24 Gigabit Ethernet								
RJ-45 ports	24 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)								
<b>General</b>									
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								
<b>Hardware</b>									
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	<table border="1"> <thead> <tr> <th>SKU</th> <th>Media</th> <th>Speed</th> <th>Maximum distance</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	SKU	Media	Speed	Maximum distance				
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"> <li>• Cisco Business 110 Series switch</li> <li>• Power cord or adapter</li> <li>• Quick start guide</li> <li>• Mounting kit</li> </ul>				
Minimum requirements				
<ul style="list-style-type: none"> <li>• Devices supporting 802.3 Ethernet, 802.3u Fast Ethernet, or 802.3ab Gigabit Ethernet</li> <li>• Cat5e or better Ethernet cable</li> <li>• Network interface card for each computer</li> </ul>				

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