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## Overview

The Cisco Business 350 Series Switches, part of the Cisco Business line of network solutions, is a portfolio of affordable managed switches that provides a critical building block for any small office network. Intuitive dashboard simplifies network setup, and advanced features accelerate digital transformation, while pervasive security protects business critical transactions. The Cisco Business 350 Series Switches provide the ideal combination of affordability and capabilities for small office and helps you create a more efficient, better-connected workforce.

## Quick Specs

Table 1 shows the Quick Specs.

|  |                                 |
|--|---------------------------------|
| <b>Product Code</b>  | <b>CBS350-24P-4X</b>            |
| <b>Capacity in Millions of Packets per Second (mpps) (64-byte packets)</b> | 95.23                           |
| <b>Switching Capacity in Gigabits per Second (Gbps)</b>                    | 128.0                           |
| <b>Total System Ports</b>  | 24 x Gigabit Ethernet + 4 x 10G |
| <b>RJ-45 Ports</b>   | 24 x Gigabit Ethernet           |
| <b>Combo Ports (RJ45 + Small form-factor pluggable [SFP])</b>              | 4 x SFP+                        |
| <b>Packet Buffer</b>   | 1.5 MB                          |

## Product Details

### -High Reliability and Resiliency

In a growing business where availability 24 hours a day, 7 days a week is critical, you need to ensure business continuity and that employees can always access the data and resources they need. The Cisco Business 350 Series Switches support dual images, allowing you to perform software upgrades without having to take the network offline or worry about the network going down during the upgrade.

### -IPv6 Support

As the IP address scheme evolves to accommodate a growing number of network devices, the Cisco Business 350 Series Switches can support the transition to the next generation of networking. These switches continue to support previous-generation IPv4, allowing you to evolve to the new IPv6 standard at your own pace and helping ensure that your current network will continue to support your business applications in the future.

### -Advanced Layer 3 Traffic Management

The Cisco Business 350 Series Switches enable a more advanced set of traffic management capabilities to help growing businesses organize their networks more effectively and efficiently. For example, the switches provide dynamic Layer 3 routing, allowing you to segment your network into workgroups and communicate across VLANs without degrading application performance.

### -Compact Design

The sleek and compact design for the Cisco Business 350 Series Switches provide additional deployment flexibility, including outside wiring closet installation such as retail stores, open plan offices, and classrooms without disturbing the environment.

## Supported Modules

Table 2 shows the Supported SFP/SFP+ modules of Cisco Business 350 Series Managed Switches.

| 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            |

|                                |                   |           |              |
|--------------------------------|-------------------|-----------|--------------|
| <a href="#">GLC-SX-MMD</a>     | Multimode fiber   | 1000 Mbps | 550 m        |
| <a href="#">GLC-LH-SMD</a>     | Single-mode fiber | 1000 Mbps | 10 km        |
| <a href="#">GLC-BX-U</a>       | Single-mode fiber | 1000 Mbps | 10 km        |
| <a href="#">GLC-BX-D</a>       | Single-mode fiber | 1000 Mbps | 10 km        |
| <a href="#">GLC-TE</a>         | UTP cat 5e        | 1000 Mbps | 100 m        |
| <a href="#">SFP-H10GB-CU1M</a> | Copper coax       | 10 Gig    | 1 m          |
| <a href="#">SFP-H10GB-CU3M</a> | Copper coax       | 10 Gig    | 3 m          |
| <a href="#">SFP-H10GB-CU5M</a> | Copper coax       | 10 Gig    | 5 m          |
| <a href="#">SFP-10G-SR</a>     | Multimode fiber   | 10 Gig    | 26 m - 400 m |
| <a href="#">SFP-10G-LR</a>     | Single-mode fiber | 10 Gig    | 10 km        |
| <a href="#">SFP-10G-SR-S</a>   | Multimode fiber   | 10 Gig    | 26 m - 400 m |
| <a href="#">SFP-10G-LR-S</a>   | Single-mode fiber | 10 Gig    | 10 km        |

## Get More Information

Do you have any question about the **CBS350-24P-4X** ?

Contact us now via [Live Chat](#) or [sales@router-switch.com](mailto:sales@router-switch.com).

## Specification

| CBS350-24P-4X Specification   |  |
|---|--|
| Feature   | Description  |
| Capacity in Millions of Packets per Second (mpps) (64-byte packets) | 95.23  |
| Switching Capacity in Gigabits per Second (Gbps)                    | 128.0  |
| Total System Ports  | 24 x Gigabit Ethernet + 4 x 10G  |
| RJ-45 Ports   | 24 x Gigabit Ethernet  |
| Combo Ports (RJ45 + Small form-factor pluggable [SFP])              | 4 x SFP+   |
| Packet Buffer   | 1.5 MB   |
| Unit dimensions (W x D x H)   | 445 x 299 x 44 mm (17.5 x 11.77 x 1.73 in)   |
| <b>Layer 3</b>  |  |
| IPv4 routing  | Wirespeed routing of IPv4 packets<br>Up to 990 static routes and up to 128 IP interfaces                           |
| IPv6 routing  | Wirespeed routing of IPv6 packets  |
| Layer 3 Interface   | Configuration of Layer 3 interface on physical port, Link Aggregation (LAG), VLAN interface, or loopback interface |
| Classless Interdomain Routing (CIDR)                                | Support for classless interdomain routing  |
| RIP v2  | Support for Routing Information Protocol version 2 for dynamic routing   |

|   |  |
|---|--|
| <b>Policy-Based Routing (PBR)</b>         | Flexible routing control to direct packets to different next hop based on IPv4 or IPv6 Access Control List (ACL)   |
| <b>DHCP Server</b>                        | Switch functions as an IPv4 DHCP server serving IP addresses for multiple DHCP pools/scopes<br>Support for DHCP options                                      |
| <b>DHCP relay at Layer 3</b>              | Relay of DHCP traffic across IP domains  |
| <b>User Datagram Protocol (UDP) relay</b> | Relay of broadcast information across Layer 3 domains for application discovery or relaying of Bootstrap Protocol (BOOTP)/DHCP packets                       |
| <b>Quality of Service</b>                 |  |
| <b>Priority levels</b>                    | 8 hardware queues  |
| <b>Scheduling</b>                         | Strict priority and Weighted Round-Robin (WRR)   |
| <b>Rate limiting</b>                      | Ingress policer; egress shaping and rate control; per VLAN, per port, and flow based; 2R3C policing  |
| <b>Congestion avoidance</b>               | A TCP congestion avoidance algorithm is required to minimize and prevent global TCP loss synchronization   |
| <b>iSCSI traffic optimization</b>         | A mechanism for giving priority to iSCSI traffic over other types of traffic   |
| <b>Green (power efficiency)</b>           |  |
| <b>Energy Detect</b>                      | Automatically turns power off on RJ-45 port when detecting link down. Active mode is resumed without loss of any packets when the switch detects the link up |
| <b>Cable length detection</b>             | Adjusts the signal strength based on the cable length. Reduces the power consumption for shorter cables.   |
| <b>EEE Compliant (802.3az)</b>            | Supports IEEE 802.3az on all copper Gigabit Ethernet ports   |
| <b>Disable port LEDs</b>                  | LEDs can be manually turned off to save on energy  |
| <b>Time-based port operation</b>          | Link up or down based on user-defined schedule (when the port is administratively up)  |
| <b>Time-based PoE</b>                     | PoE power can be on or off based on user-defined schedule to save energy   |
| <b>General</b>                            |  |
| <b>Jumbo frames</b>                       | Frame sizes up to 9K bytes. The default MTU is 2K bytes  |
| <b>MAC table</b>                          | 16K addresses  |
| <b>Hardware</b>                           |  |
| <b>USB slot</b>                           | USB Type-A slot on the front panel of the switch for easy file and image management  |
| <b>Buttons</b>                            | Reset button   |
| <b>Cabling type</b>                       | Unshielded Twisted Pair (UTP) Category 5e or better for 1000BASE-T   |
| <b>LEDs</b>                               | System, Link/Act, PoE, Speed   |
| <b>Flash</b>                              | 256 MB   |
| <b>CPU</b>                                | 800 MHz ARM  |
| <b>DRAM</b>                               | 512 MB   |
| <b>Environmental</b>                      |  |
| <b>Storage temperature</b>                | -13° to 158°F (-25° to 70°C)   |
| <b>Operating humidity</b>                 | 10% to 90%, relative, noncondensing  |
| <b>Storage humidity</b>                   | 10% to 90%, relative, noncondensing  |
| <b>Warranty</b>                           | Limited lifetime with next business day advance replacement (where available)  |

### Package Contents

- Cisco Business 350 Series Managed Switch
- Power Cord (Power adapter for select 8-port and 16-port SKUs)
- Mounting Kit
- Quick Start Guide

### Minimum Requirements

- Web browser: Chrome, Firefox, Edge, Safari
- Category 5e Ethernet network cable
- TCP/IP, network adapter, and network operating system (such as Microsoft Windows, Linux, or Mac OS X) installed

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