Cisco Small Business
Switch Overview

CISCO

Cisco Switches for Small Business

Cisco® switches for small business deliver the design, features, and capabilities you need to help boost productivity and increase efficiency. With a broad portfolio of switches, from unmanaged switches that require no configuration and work right out of the box to Cisco Catalyst® switches that support the most demanding environments, Cisco delivers reliable products that help lower service and support costs and extend equipment lifecycles. Whatever your technology need and available budget, Cisco has a solution in our small business switching portfolio.

100 SERIES UNMANAGED SWITCHES

Reliable, easy-to-use switches that deliver basic connectivity and are ready to work out of the box.

Common features:
· No configuration or management required
· Auto speed negotiation and auto MDI/MDI-X crossover detection
· Quality of service (QoS) on all models
· Energy-efficient design and Energy Efficient Ethernet (EEE) on Gigabit Ethernet models
· Limited lifetime warranty

SPEED

Fast Ethernet (10/100)

SF100D-05
· 5 10/100 ports
· Desktop switch

SF100D-08
· 8 10/100 ports
· Desktop switch

SF100D-08P PoE
· 8 10/100 ports
· Desktop switch

SF100D-16
· 16 10/100 ports
· Desktop switch

SF100D-16P PoE
· 16 10/100 ports
· Desktop switch

SF100-16
· 16 10/100 ports
· Rack mountable

SF100-24
· 24 10/100 ports
· Rack mountable

SF102-24
· 24 10/100 ports
· 2 GE combo mini Gigabit Interface Converter (GBIC)/ Small Form-Factor Pluggable (SFP)* ports
· Rack mountable

Gigabit Ethernet (10/100/1000)

SG100D-05
· 5 10/100/1000 ports
· Desktop switch

SG100D-08
· 8 10/100/1000 ports
· Desktop switch

SG100D-08P PoE
· 8 10/100/1000 ports
· Desktop switch

SG100-16
· 16 10/100/1000 ports
· Rack mountable

SG100-24
· 22 10/100/1000 ports
· 2 GE combo mini-GBIC/SFP ports
· Rack mountable

SG102-24
· 22 10/100/1000 ports
· 2 GE combo mini-GBIC/SFP ports
· Compact size
· Rack mountable

Benefits of Power over Ethernet PoE Power over Ethernet powers devices over the Ethernet connection, without an external power supply. This capability enables you to position network-attached devices such as IP phones, wireless access points, video cameras, and other devices virtually anywhere inside a business. You get the benefit of simpler, less expensive installation and eliminate the need to add a separate power outlet for each connected endpoint.

200 SERIES SMART SWITCHES

Entry-level features of a managed switch with simpler management and lower cost than a fully managed switch.

Common features:
· Basic security and QoS
· IPv6 support
· Auto voice VLANs, VLANs, and port mirroring
· Energy-efficient design on all models
· Two more ports per Gigabit Ethernet model
· Easy-to-use web-based management tool, Cisco Discovery Protocol (CDP), Auto Smartports, Cisco Configuration Assistant (CCA), and Cisco FindIT utility
· Limited lifetime warranty

SPEED

Fast Ethernet (10/100)

SF200-24
· 24 10/100 ports
· 2 GE combo mini-GBIC/SFP* ports

SF200-24P PoE
· 24 10/100 ports
· 2 GE combo mini-GBIC/SFP ports

SF200-48
· 48 10/100 ports
· 2 GE combo mini-GBIC/SFP ports

SF200-48P PoE
· 48 10/100 ports
· 2 GE combo mini-GBIC/SFP ports

Gigabit Ethernet (10/100/1000)

SG200-08
· 8 10/100/1000 ports

SG200-08P PoE
· 8 10/100/1000 ports

SG200-18
· 16 10/100/1000 ports
· 2 GE combo mini-GBIC/SFP ports

SG200-26
· 26 10/100/1000 ports
· 2 GE combo mini-GBIC/SFP ports

SG200-26P PoE
· 26 10/100/1000 ports
· 2 GE combo mini-GBIC/SFP ports

SG200-50
· 48 10/100/1000 ports
· 2 GE combo mini-GBIC/SFP ports

SG200-50P PoE
· 48 10/100/1000 ports
· 2 GE combo mini-GBIC/SFP ports

300 SERIES MANAGED SWITCHES

Broad portfolio of switches with an optimal mix of features and performance at an affordable price.

Common features:
· Enhanced security and QoS
· Layer 3 static routing
· IPv6 support
· Auto voice VLANs, VLANs, and port mirroring
· Energy-efficient design and EEE on all models
· More ports per Gigabit Ethernet model
· Easy-to-use web-based management tool, CDP, Auto Smartports, CCA, Textview (CLI), and Cisco FindIT utility
· Simple Network Management Protocol (SNMP) support
· Limited lifetime warranty with next business day (NBD) advance replacement

Fast Ethernet (10/100)

SF300-08
· 8 10/100 ports

SF302-08
· 8 10/100 ports
· 2 GE combo mini-GBIC/SFP* ports

SF302-08P PoE
· 8 10/100 ports
· 2 GE combo mini-GBIC/SFP ports

SF302-08MP PoE
· 8 10/100 ports
· 2 GE combo mini-GBIC/SFP ports
· 15.4W of PoE per port

SF300-24
· 24 10/100 ports
· 2 10/100/1000 ports
· 2 GE combo mini-GBIC/SFP ports

SF300-24P PoE
· 24 10/100 ports
· 2 10/100/1000 ports
· 2 GE combo mini-GBIC/SFP ports

SF300-48
· 48 10/100 ports
· 2 10/100/1000 ports
· 2 GE combo mini-GBIC/SFP ports

SF300-48P PoE
· 48 10/100 ports
· 2 10/100/1000 ports
· 2 GE combo mini-GBIC/SFP ports

Gigabit Ethernet (10/100/1000)

SG300-10
· 8 10/100/1000 ports
· 2 GE combo mini-GBIC/SFP ports

SG300-10P PoE
· 8 10/100/1000 ports
· 2 GE combo mini-GBIC/SFP ports

SG300-10MP PoE
· 8 10/100/1000 ports
· 2 GE combo mini-GBIC/SFP ports
· 15.4W of PoE per port

SG300-20
· 18 10/100/1000 ports
· 2 GE combo mini-GBIC/SFP ports

SG300-28
· 26 10/100/1000 ports
· 2 GE combo mini-GBIC/SFP ports

SG300-28P PoE
· 26 10/100/1000 ports
· 2 GE combo mini-GBIC/SFP ports

SG300-52
· 50 10/100/1000 ports
· 2 GE combo mini-GBIC/SFP ports

500 SERIES STACKABLE MANAGED SWITCHES

Stackable switches that combine advanced features for growing businesses with easy operation and an affordable price.

Common features:
- True stacking
- Advanced security and QoS
- Layer 3 switching: static (500 models), dynamic (500X models)
- IPv6 support
- Energy-efficient design and EEE
- Easy-to-use web-based management tool, CDP, Auto Smartports, Textview (CLI) and Cisco FindIT utility
- Simple Network Management Protocol (SNMP) support
- Limited lifetime warranty with next business day (NBD) advance replacement

SPEED

Fast Ethernet (10/100)

SF500-24
- 24 10/100 ports
- 2 GE combo SFP* ports
- 2 GE 1/5GE SFP* ports

SF500-48
- 48 10/100 ports
- 2 GE combo SFP ports
- 2 1/5GE SFP ports

SF500-24P **PoE+**
- 24 10/100 ports
- 2 GE combo SFP ports
- 2 1/5GE SFP ports

SF500-48P **PoE+**
- 48 10/100 ports
- 2 GE combo SFP ports
- 2 1/5GE SFP ports

Gigabit Ethernet (10/100/1000)

SG500-28
- 24 10/100/1000 ports
- 2 GE combo SFP ports
- 2 1/5GE SFP ports

SG500-52
- 48 10/100/1000 ports
- 2 GE combo SFP ports
- 2 1/5GE SFP ports

SG500-28P **PoE+**
- 24 10/100/1000 ports
- 2 GE combo SFP ports
- 2 1/5GE SFP ports

SG500-2P **PoE+**
- 48 10/100/1000 ports
- 2 GE combo SFP ports
- 2 1/5GE SFP ports

Gigabit Ethernet with 10 Gigabit Ethernet Uplinks

SG500X-24
- 24 10/100/1000 ports
- 4 10 Gigabit Ethernet SFP+ (1/5/10GE SFP+ modules)

SG500X-24P **PoE+**
- 24 10/100/1000 ports
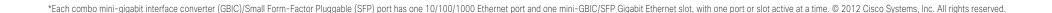- 4 10 Gigabit Ethernet SFP+ (1/5/10GE SFP+ modules)

SG500X-48
- 48 10/100/1000 ports
- 4 10 Gigabit Ethernet SFP+ (1/5/10GE SFP+ modules)

SG500X-48P **PoE+**
- 48 10/100/1000 ports
- 4 10 Gigabit Ethernet SFP+ (1/5/10GE SFP+ modules)

Cisco Switches for Small Business

CATALYST 2960 & 2960S SERIES SWITCHES WITH LAN LITE

SPEED

Scalable network management and enhanced security for growing businesses.

Common features:

- Enhanced security, including Cisco TrustSec®
- Enhanced QoS
- Cisco EnergyWise
- Entry-level LAN Lite software for intelligent services and ongoing product update
- Cisco Catalyst Smart Operations
- Choice of management tools: Command-line interface (CLI), CiscoWorks, or Cisco Network Assistant (with Cisco Smartports and Cisco Discovery Protocol)
- Limited lifetime warranty and limited lifetime warranty with NBD (2960-S models)

Fast Ethernet (10/100)

2960-8TC-S
- 8 10/100 ports
- 1 GE combo mini-GBIC/SFP* port
- Compact size with no fan

2960-24-S
- 24 10/100 ports

2960-24TC-S
- 24 10/100 ports
- 2 GE combo mini-GBIC/SFP ports

2960-24LC-S `PoE`
- 24 10/100 ports
- 2 GE combo mini-GBIC/SFP ports
- 8 ports of PoE

2960-24PC-S `PoE`
- 24 10/100 ports
- 2 GE combo mini-GBIC/SFP ports

2960-48TT-S
- 48 10/100 ports
- 2 10/100/1000 ports

2960-48TC-S
- 48 10/100 ports
- 2 GE combo mini-GBIC/SFP ports

2960-48PST-S `PoE`
- 48 10/100 ports
- 2 10/100/1000 ports
- 2 GE mini-GBIC/SFP ports

Gigabit Ethernet (10/100/1000)

2960S-24TS-S
- 24 10/100/1000 ports
- 2 mini-GBIC/SFP ports
- USB storage

2960S-48TS-S
- 48 10/100/1000 ports
- 2 mini-GBIC/SFP ports
- USB storage

World-Class Service and Support

Cisco is known for reliability and award-winning service and support. Better still, Cisco stands by this reputation for excellence by offering support services priced and designed just for small businesses. Cisco offers multiple levels of services and support to help you keep your networks running smoothly, with access to technical assistance designed specifically for small businesses. Plus Cisco offers competitive limited lifetime product warranties that include free software fixes on all switches for the term of the warranty. Visit www.cisco.com/go/smbservices for more information.

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CATALYST 2960 SERIES SWITCHES WITH LAN BASE

SPEED

Advanced network security, availability, scalability, and manageability for the most demanding business environments.

Common features:
· Advanced security, including Cisco TrustSec
· Advanced QoS
· Cisco EnergyWise
· Enhanced LAN Base software for intelligent services and ongoing product updates
· Cisco Catalyst Smart Operations
· Choice of management tools: CLI, CiscoWorks, or Cisco Network Assistant (with Cisco Smartports and Cisco Discovery Protocol)
· Limited lifetime warranty

Fast Ethernet (10/100)

2960-8TC-L
· 8 10/100 ports
· 1 dual purpose* port
· Compact size with no fan

2960PD-8TT-L
· 8 10/100 ports
· 1 10/100/1000 PoE input port
· Compact size with no fan

2960-24TT-L
· 24 10/100 ports
· 2 10/100/1000 ports

2960-24TC-L
· 24 10/100 ports
· 2 combo mini-GBIC/SFP* ports

2960-24TL-L PoE
· 24 10/100 ports
· 2 10/100/1000 ports

2960-24PC-L PoE
· 24 10/100 ports
· 2 combo mini-GBIC/SFP ports

2960-48TT-L
· 48 10/100 ports
· 2 10/100/1000 ports

2960-48TC-L
· 48 10/100 ports
· 2 combo mini-GBIC/SFP ports

2960-48PST-L PoE
· 48 10/100 ports
· 2 10/100/1000 ports
· 2 GE mini-GBIC/SFP ports

Gigabit Ethernet (10/100/1000)

2960G-8TC-L
· 7 10/100/1000 ports
· 1 combo mini-GBIC/SFP port
· Compact size with no fan

2960G-24TC-L
· 20 10/100/1000 ports
· 4 combo mini-GBIC/SFP ports

2960G-48TC-L
· 44 10/100/1000 ports
· 4 combo mini-GBIC/SFP ports

CATALYST 2960-S SERIES SWITCHES WITH LAN BASE

The Cisco Catalyst 2960-S Series contains the features of the Catalyst 2960 with LAN Base with a number of additional enhancements, such as:
· FlexStack stacking
· USB storage
· Limited lifetime warranty with NBD advance replacement

Gigabit Ethernet with 10 Gigabit Ethernet Uplinks

2960S-24TS-L
· 24 10/100/1000 ports
· 4 GE mini-GBIC/SFP ports

2960S-24PS-L PoE
· 24 10/100/1000 ports
· 4 GE mini-GBIC/SFP ports

2960S-48TS-L
· 48 10/100/1000 ports
· 4 GE mini-GBIC/SFP ports

2960S-48LPS-L PoE
· 48 10/100/1000 ports
· 4 GE mini-GBIC/SFP ports

2960S-48FPS-L PoE
· 48 10/100/1000 ports
· 4 GE mini-GBIC/SFP ports

2960S-24TD-L
· 24 10/100/1000 ports
· 2 10 GE SFP+ or 2 GE SFP ports

2960S-24PD-L PoE
· 24 10/100/1000 ports
· 2 10 GE SFP+ or 2 GE SFP ports

2960S-48TD-L
· 48 10/100/1000 ports
· 2 10 GE SFP+ or 2 GE SFP ports

2960S-48LPD-L PoE
· 48 10/100/1000 ports
· 2 10 GE SFP+ or 2 GE SFP ports

2960S-48FPD-L PoE
· 48 10/100/1000 ports
· 2 10 GE SFP+ or 2 GE SFP ports

FIND OUT MORE:
www.cisco.com/go/smbswitching

*Each combo mini-gigabit interface converter (GBIC)/Small Form-Factor Pluggable (SFP) port has one 10/100/1000 Ethernet port and one mini-GBIC/SFP Gigabit Ethernet slot, with one port or slot active at a time. © 2012 Cisco Systems, Inc. All rights reserved.