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# Cisco Small Business Switch Overview



# 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

### 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

### SPEED

### 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

### 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

### SPEED

### 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

### Fast Ethernet (10/100)



#### SF500-24

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

#### SF500-24P **PoE+**

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



#### SF500-48

- 48 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

SPEED

### Gigabit Ethernet (10/100/1000)



#### SG500-28

- 24 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



#### SG500-52

- 48 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

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

SPEED

### 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](http://www.cisco.com/go/smbservices) for more information.

## CATALYST 2960 SERIES SWITCHES WITH LAN BASE

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

## SPEED

### 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-48TC-L

- 44 10/100/1000 ports
- 4 combo mini-GBIC/SFP ports



#### 2960G-24TC-L

- 20 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](http://www.cisco.com/go/smbswitching)

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