

# Cisco Catalyst 3560-CX and 2960-CX Compact Switches

PB 733591

The Cisco<sup>®</sup> Catalyst<sup>®</sup> Compact Gigabit and Multigigabit Ethernet Switches easily extend your Cisco Catalyst switching infrastructure outside the wiring closet to enable new workspaces, extend wireless LANs, and connect Power over Ethernet (PoE) devices. These fanless, small form-factor switches are ideal for space-constrained deployments where multiple cable runs would be challenging.

## New Features

With increased bandwidth, double the PoE capacity, faster CPU, and more memory, the Cisco Catalyst 3560-CX and 2960-CX bring a multifold improvement in performance to the Cisco Catalyst Compact Switch product line. They offer many smart and innovative features for management, simplicity, and scale.

New features include:

- 6 Gigabit and 2 Multigigabit Ethernet ports with line-rate forwarding performance
- 8 or 12 Gigabit Ethernet ports with line-rate forwarding performance
- Gigabit copper Small Form-Factor Pluggable (SFP) or 10G SFP+ uplinks
- Cisco Universal Power over Ethernet (Cisco UPOE™) powered switch with up to 146W of PoE passthrough
- New DC powering option for deployment in subways, buses, and trains to power access points
- Power over Ethernet Plus (PoE+) support with up to 240W of PoE budget
- Advanced Layer 2 (LAN Base) and Layer 3 (IP Base) support with an option to upgrade to IP Services
- Perpetual PoE for powering a powered device even when the device is booting
- Cisco Catalyst Instant Access (optional with 10G) for management simplicity
- Network plug-and-play (PnP) support for automating device configuration
- Cisco TrustSec<sup>®</sup> capability for role-based access security
- Innovative power management features, including Energy-Efficient Ethernet and switch hibernation mode
- NetFlow Lite for application visibility at the access network

## Upgrade Paths

Cisco Catalyst 3560-CX and 2960-CX Series Switches build upon the success of the 3560-C and 2960-C compact switches and offer superior performance and scale. They come in the same form factor as the older switches, and you can use them anywhere you used the older switches. Customers migrating to the new compact switches will benefit from the increased scalability and performance, innovative new features, and proven performance.

## Ordering Information

The 3560-CX and 2960-CX Series include an equivalent or better replacement for each Cisco Catalyst 3560-C and 2960-C Gigabit Ethernet model.

Table 1 shows Cisco Catalyst 3560-C and 2960-C models and their 3560-CX and 2960-CX Series equivalents.

**Table 1.** Cisco Catalyst 3560-CX and 2960-CX Equivalent Models

Cisco Catalyst 3560-C and 2960-C Model	Cisco Catalyst 3560-CX and 2960-CX Equivalent
WS-C3560CG-8TC-S	WS-C3560CX-8TC-S
WS-C3560CG-8PC-S	WS-C3560CX-8PC-S
WS-C3560CPD-8PT-S	WS-C3560CX-8PT-S
WS-C2960CG-8TC-S	WS-C2960CX-8TC-S

Table 2 shows all Cisco Catalyst 3560-CX and 2960-CX models.

**Table 2.** Cisco Catalyst 3560-CX and 2960-CX Switch Models

Cisco Catalyst 3560-CX Compact Switches	
Part Number	Description
WS-C3560CX-8TC-S	3560-CX switch 8 GE, uplinks: 2 x 1G SFP and 2 x 1G copper, IP Base
WS-C3560CX-12TC-S	3560-CX switch 12 GE, uplinks: 2 x 1G SFP and 2 x 1G copper, IP Base
WS-C3560CX-8PC-S	3560-CX switch 8 GE PoE+, uplinks: 2 x 1G SFP and 2 x 1G copper, IP Base
WS-C3560CX-12PC-S	3560-CX switch 12 GE PoE+, uplinks: 2 x 1G SFP and 2 x 1G copper, IP Base
WS-C3560CX-12PD-S	3560-CX switch 12 GE PoE+, uplinks: 2 x 10G SFP+ and 2 x 1G copper, IP Base
WS-C3560CX-8PT-S	3560-CX PD PSE switch 8 GE PoE+, uplinks: 2 x 1G copper (Cisco UPOE powered), IP Base
WS-C3560CX-8XPD-S	3560-CX switch 6 GE, 2 Multigigabit PoE+, uplinks: 2 x 10G SFP+, IP Base
Cisco Catalyst 2960-CX Compact Switches	
Part Number	Description
WS-C2960CX-8TC-L	2960-CX switch 8 GE, uplinks: 2 x 1G SFP and 2 x 1G copper LAN Base
WS-C2960CX-8PC-L	2960-CX switch, 8 GE PoE+, uplinks: 2 x 1G SFP and 2 x 1G copper LAN Base

## Cisco Services

The Cisco Catalyst 3560-CX and 2960-CX Compact Switches come with an enhanced limited lifetime warranty (E-LLW) that includes next-business-day (NBD) delivery of replacement hardware where available and 90 days of 8x5 Cisco Technical Assistance Center (TAC) support.

For further information about warranty terms, visit <http://www.cisco.com/go/warranty>.

Additionally, choose from a flexible suite of support services designed to meet your business needs and help you maintain high-quality network performance while controlling operational costs (Table 3).

**Table 3.** Technical Services Available for Cisco Catalyst 3560-CX and 2960-CX Series Compact Switches

Technical Services
<b>Cisco SMARTnet® Service</b> <ul style="list-style-type: none"><li>• Around-the-clock, global access to the Cisco Technical Assistance Center (TAC)</li><li>• Unrestricted access to the extensive Cisco.com knowledge base and tools</li><li>• Next-business-day, 8x5x4, 24x7x4, and 24x7x2 advance hardware replacement and onsite parts replacement and installation available</li><li>• Ongoing operating system software updates within the licensed feature set</li><li>• Proactive diagnostics and real-time alerts on Smart Call Home-enabled devices</li></ul>
<b>Cisco Smart Foundation Service</b> <ul style="list-style-type: none"><li>• Next-business-day advance hardware replacement as available</li><li>• Business hours access to SMB TAC (access levels vary by region)</li><li>• Access to Cisco.com SMB knowledge base</li><li>• Online technical resources through Smart Foundation Portal</li><li>• Operating system software bug fixes and patches</li></ul>
<b>Cisco Focused Technical Support Services</b> <ul style="list-style-type: none"><li>• Three levels of premium, high-touch services are available:<ul style="list-style-type: none"><li>◦ Cisco High-Touch Operations Management Service</li><li>◦ Cisco High-Touch Technical Support Service</li><li>◦ Cisco High-Touch Engineering Service</li></ul></li><li>• Valid Cisco SMARTnet or SP Base contracts on all network equipment are required</li></ul>

### For More Information

For more information, contact your Cisco sales account rep or visit <http://www.cisco.com/go/compactswitches>.



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