

## Cisco Catalyst 2960-S Series Switches with LAN Base and LAN Lite Software

PB578924

Cisco introduces the new Cisco® Catalyst® 2960-S Series Switches, the leading Layer 2 edge switch series, providing improved ease of use, secure business operations, improved sustainability, and converged services for a borderless network experience. The Cisco Catalyst 2960-S Series of fixed-configuration access switches delivers functionality for entry-level enterprise, midmarket, and branch office networks.

Primary features and benefits for Cisco Catalyst 2960-S with LAN Base software:

- Cisco FlexStack with 40-Gbps stacking throughput enables ease of operation with single configuration and automated switch upgrade. FlexStack requires an optional module.
- 24 and 48 ports of Gigabit Ethernet (GbE) 10/100/1000 desktop connectivity.
- GbE or 10 GbE uplinks to suit various deployment needs. Switches with 10 GbE uplinks support Small Form-Factor Pluggable Plus (SFP+), enabling a simple and fast transition GbE to 10 GbE.
- Switches that can deliver 740W or 370W of combined PoE/PoE+ power enabling right-sizing switch purchases based on deployment needs. Support up to 30W for the latest PoE+ capable devices.
- USB storage interface for file backup, distribution, and simplified operations.
- A wide range of software features to provide ease of operation, secure business operations, sustainability, and a borderless network experience.
- Enhanced limited lifetime hardware warranty, including next business day switch replacement and 90 days of technical support.

The Cisco Catalyst 2960-S LAN Lite capabilities:

- 24 and 48 ports of GbE 10/100/1000 desktop connectivity
- GbE SFP uplinks
- USB storage interface for file backup, distribution, and simplified operations
- A wide range of software features to provide ease of operation, secure business operations, sustainability, and borderless networking experience
- Enhanced limited lifetime hardware warranty, including next business day switch replacement and 90 days of technical support

### Ordering Information

Tables 1, 2, and 3 provide ordering information for the new Cisco Catalyst 2960-S switches.

Table 1. Ordering Information

Part Numbers	Description
<b>Switches with 10 GbE Uplinks and 10/100/1000 Ethernet Connectivity</b>	
<b>Cisco Catalyst 2960S-48FPD-L (WS-C2960S-48FPD-L)</b>	<ul style="list-style-type: none"> <li>• 48 Ethernet 10/100/1000 PoE+ ports</li> <li>• 740 watts PoE/PoE+ power</li> <li>• 2 x 10 GbE or 2 x 1 GbE SFP+ uplink ports</li> <li>• Optional Cisco FlexStack stacking support</li> <li>• LAN Base image</li> </ul>
<b>Cisco Catalyst 2960S-48LPD-L (WS-C2960S-48LPD-L)</b>	<ul style="list-style-type: none"> <li>• 48 Ethernet 10/100/1000 PoE+ ports</li> <li>• 370W PoE/PoE+ power</li> <li>• 2 x 10 GbE or 2 x 1 GbE SFP+ uplink ports</li> <li>• Optional Cisco FlexStack stacking support</li> <li>• LAN Base image</li> </ul>
<b>Cisco Catalyst 2960S-24PD-L (WS-C2960S-24PD-L)</b>	<ul style="list-style-type: none"> <li>• 24 Ethernet 10/100/1000 PoE+ ports</li> <li>• 370W PoE/PoE+ power</li> <li>• 2 x 10 GbE or 2 x 1 GbE SFP+ uplink ports</li> <li>• Optional Cisco FlexStack stacking support</li> <li>• LAN Base image</li> </ul>
<b>Cisco Catalyst 2960S-48TD-L (WS-C2960S-48TD-L)</b>	<ul style="list-style-type: none"> <li>• 48 Ethernet 10/100/1000 ports</li> <li>• 2 x 10 GbE or 2 x 1 GbE SFP+ uplink ports</li> <li>• Optional Cisco FlexStack stacking support</li> <li>• LAN Base image</li> </ul>
<b>Cisco Catalyst 2960S-24TD-L (WS-C2960S-24TD-L)</b>	<ul style="list-style-type: none"> <li>• 24 Ethernet 10/100/1000 ports</li> <li>• 2 x 10 GbE or 2 x 1 GbE SFP+ uplink ports</li> <li>• Optional Cisco FlexStack stacking support</li> <li>• LAN Base image</li> </ul>
<b>Switches with GbE Uplinks with 10/100/1000 Ethernet Connectivity</b>	
<b>Cisco Catalyst 2960S-48FPS-L (WS-C2960S-48FPS-L)</b>	<ul style="list-style-type: none"> <li>• 48 Ethernet 10/100/1000 PoE+ ports</li> <li>• 740W PoE/PoE+ power</li> <li>• 4 x 1 GbE SFP uplink ports</li> <li>• Optional Cisco FlexStack stacking support</li> <li>• LAN Base image</li> </ul>
<b>Cisco Catalyst 2960S-48LPS-L (WS-C2960S-48LPS-L)</b>	<ul style="list-style-type: none"> <li>• 48 Ethernet 10/100/1000 PoE+ ports</li> <li>• 370W PoE/PoE+ power</li> <li>• 4 x 1 GbE SFP uplink ports</li> <li>• Optional Cisco FlexStack stacking support</li> <li>• LAN Base image</li> </ul>
<b>Cisco Catalyst 2960S-24PS-L (WS-C2960S-24PS-L)</b>	<ul style="list-style-type: none"> <li>• 24 Ethernet 10/100/1000 PoE+ ports</li> <li>• 370W PoE/PoE+ power</li> <li>• 4 x 1 GbE SFP uplink ports</li> <li>• Optional Cisco FlexStack stacking support</li> <li>• LAN Base image</li> </ul>
<b>Cisco Catalyst 2960S-48TS-L (WS-C2960S-48TS-L)</b>	<ul style="list-style-type: none"> <li>• 48 Ethernet 10/100/1000 ports</li> <li>• 4 x 1 GbE SFP uplink ports</li> <li>• Optional Cisco FlexStack stacking support</li> <li>• LAN Base image</li> </ul>
<b>Cisco Catalyst 2960-S Stack Module (WS-C2960S-STACK)</b>	<ul style="list-style-type: none"> <li>• FlexStack hot-swappable stacking module</li> </ul>
<b>Cisco Catalyst 2960S-48TS-S (WS-C2960S-48TS-S)</b>	<ul style="list-style-type: none"> <li>• 48 Ethernet 10/100/1000</li> <li>• 2 x GbE SFP uplink ports</li> <li>• LAN Lite software</li> </ul>
<b>Cisco Catalyst 2960S-24TS-S (WS-C2960S-24TS-S)</b>	<ul style="list-style-type: none"> <li>• 24 Ethernet 10/100/1000</li> <li>• 2 x GbE SFP uplink ports</li> <li>• LAN Lite software</li> </ul>

**Table 2.** Accessories for LAN Base Switches

Part Numbers	Description
<b>CAB-STK-E-0.5M</b>	FlexStack stacking cable with a 0.5 meter length
<b>CAB-STK-E-1M</b>	FlexStack stacking cable with a 1.0 meter length
<b>CAB-STK-E-3M</b>	FlexStack stacking cable with a 3.0 meter length
<b>CAB-CONSOLE-RJ45</b>	Console Cable 6 ft with RJ45
<b>CAB-CONSOLE-USB</b>	Console Cable 6 ft with USB Type A and mini-B connectors
<b>CAB-16AWG-AC</b>	AC Power cord, 16AWG
<b>CAB-ACE</b>	AC Power Cord (Europe), C13, CEE 7, 1.5M
<b>CAB-L620P-C13-US</b>	Power Cord, 250VAC, 15A, NEMA L6-20 to C13, US
<b>CAB-ACI</b>	AC Power Cord (Italy), C13, CEI 23-16, 2.5m
<b>CAB-ACU</b>	AC Power Cord (UK), C13, BS 1363, 2.5m
<b>CAB-ACA</b>	AC Power Cord (China/Australia), C13, AS 3112, 2.5m
<b>CAB-ACS</b>	AC Power Cord (Switzerland), C13, IEC 60884-1, 2.5m
<b>CAB-ACR</b>	AC Power Cord (Argentina), C13, EL 219 (IRAM 2073), 2.5m
<b>CAB-ACC</b>	CORD,PWR,CHINA,10A,IEC 320,C13(APN=CS-PWR-CH)
<b>CAB-JPN-12A</b>	CABASY,POWER CORD,JAPAN 2P, PSE, 12A @125VAC
<b>CAB-L620P-C13-JPN</b>	Power Cord, 250VAC, 15A, NEMA L6-20 to C13, JAPAN
<b>CAB-IND</b>	Power cable for India
<b>PWR-RPS2300</b>	Cisco Redundant Power System 2300 and Blower, No Power Supply
<b>BLNK-RPS2300=</b>	Spare Bay Insert for Cisco Redundant Power System 2300 for Catalyst 2960 and Catalyst 2960-S
<b>CAB-RPS2300-E=</b>	Spare RPS2300 Cable for Cisco Catalyst 2960-48PST-L, 2960-24PC-L and 2960-24LT-L switches and 2960-S switches
<b>BLWR-RPS2300=</b>	Spare 45 CFM Blower for Cisco Redundant Power System 2300
<b>C3K-PWR-750WAC=</b>	Catalyst 2960 and Catalyst 2960-S RPS 2300 750WAC power supply spare
<b>RCKMNT-1RU=</b>	Spare rack-mount kit for the Cisco Catalyst 2960 and 2960-S Series for 19 and 24 inch racks
<b>RCKMNT-REC-1RU=</b>	1 RU recessed rack-mount kit for the Cisco Catalyst 2960 and 2960-S Series
<b>GLC-LH-SM=</b>	1000BASE-LX/LH SFP transceiver module for MMF and SMF, 1300-nm wavelength
<b>GLC-SX-MM=</b>	1000BASE-SX SFP transceiver module for MMF, 850-nm wavelength
<b>GLC-ZX-SM=</b>	1000BASE-ZX SFP transceiver module for SMF, 1550-nm wavelength
<b>GLC-T=</b>	1000BASE-T SFP transceiver module for Category 5 copper wire Not supported on the Cisco Catalyst 2960-8TC and Catalyst 2960G-8TC compact switches
<b>GLC-BX-D=</b>	1000BASE-BX10 SFP transceiver module for single strand SMF, 1490-nm TX/1310-nm RX wavelength
<b>GLC-BX-U=</b>	1000BASE-BX10 SFP transceiver module for single strand SMF, 1310-nm TX/1490-nm RX wavelength
<b>GLC-GE-100FX=</b>	100BASE-FX SFP module for Gigabit Ethernet ports, 1310-nm wavelength, 2 km over MMF Not supported on the Cisco Catalyst 2960-8TC and Catalyst 2960G-8TC compact switches
<b>GLC-FE-100FX=</b>	100BASE-FX SFP module for 100-Mb ports, 1310-nm wavelength, 2 km over MMF
<b>GLC-FE-100LX=</b>	100BASE-LX10 SFP module for 100-Mb ports, 1310-nm wavelength, 10 km over SMF
<b>GLC-FE-100BX-D=</b>	100BASE-BX10-D SFP module for 100-Mb ports, 1550-nm TX/1310-nm RX wavelength, 10 km over single-strand SMF
<b>GLC-FE-100BX-U=</b>	100BASE-BX10-U SFP module for 100-Mb ports, 1310-nm TX/1550-nm RX wavelength, 10 km over single-strand SMF
<b>CWDM-SFP-1470=</b>	Cisco CWDM SFP 1470 nm; Gigabit Ethernet and 1G/2G FC (gray)
<b>CWDM-SFP-1490=</b>	Cisco CWDM SFP, 1490 nm; Gigabit Ethernet and 1G/2G FC (violet)
<b>CWDM-SFP-1510=</b>	Cisco CWDM SFP, 1510 nm; Gigabit Ethernet and 1G/2G FC (blue)
<b>CWDM-SFP-1530=</b>	Cisco CWDM SFP, 1530 nm; Gigabit Ethernet and 1G/2G FC (green)

<b>CWDM-SFP-1550=</b>	Cisco CWDM SFP, 1550 nm; Gigabit Ethernet and 1G/2G FC (yellow)
<b>CWDM-SFP-1570=</b>	Cisco CWDM SFP, 1570 nm; Gigabit Ethernet and 1G/2G FC (orange)
<b>CWDM-SFP-1590=</b>	Cisco CWDM SFP, 1590 nm; Gigabit Ethernet and 1G/2G FC (red)
<b>CWDM-SFP-1610=</b>	Cisco CWDM SFP, 1610 nm; Gigabit Ethernet and 1G/2G FC (brown)
<b>CAB-SM-LCSC-1M</b>	1m fiber single-mode LC-to-SC connectors
<b>CAB-SM-LCSC-5M</b>	5m fiber single-mode LC-to-SC connectors
<b>SFP-10G-LR=</b>	10GBASE-LR SFP Module
<b>SFP-10G-SR=</b>	10GBASE-SR SFP Module
<b>SFP-10G-LRM=</b>	10GBASE-LRM SFP Module
<b>SFP-10G-CX1=</b>	10GBASE-CX1 SFP Module

**Table 3.** Accessories for LAN Lite Switches

Part Numbers	Description
<b>RCKMNT-1RU=</b>	Spare rack-mount kit for the Cisco Catalyst 2960-S Series
<b>RCKMNT-REC-1RU=</b>	1 RU recessed rack-mount kit for the Cisco Catalyst 2960-S Series
<b>CAB-CONSOLE-RJ45</b>	Console Cable 6 ft with RJ45
<b>CAB-CONSOLE-USB</b>	Console Cable 6 ft with USB Type A and mini-B connectors
<b>CAB-16AWG-AC</b>	AC Power cord, 16AWG
<b>CAB-ACE</b>	AC Power Cord (Europe), C13, CEE 7, 1.5M
<b>CAB-L620P-C13-US</b>	Power Cord, 250VAC, 15A, NEMA L6-20 to C13, US
<b>CAB-ACI</b>	AC Power Cord (Italy), C13, CEI 23-16, 2.5m
<b>CAB-ACU</b>	AC Power Cord (UK), C13, BS 1363, 2.5m
<b>CAB-ACA</b>	AC Power Cord (China/Australia), C13, AS 3112, 2.5m
<b>CAB-ACS</b>	AC Power Cord (Switzerland), C13, IEC 60884-1, 2.5m
<b>CAB-ACR</b>	AC Power Cord (Argentina), C13, EL 219 (IRAM 2073), 2.5m
<b>CAB-ACC</b>	CORD,PWR,CHINA,10A,IEC 320,C13(APN=CS-PWR-CH)
<b>CAB-JPN-12A</b>	CABASY,POWER CORD,JAPAN 2P, PSE, 12A @ 125VAC
<b>CAB-L620P-C13-JPN</b>	Power Cord, 250VAC, 15A, NEMA L6-20 to C13, JAPAN
<b>CAB-IND</b>	Power cable for India
<b>CAB-AC15A-90L-US</b>	15A AC Pwr Cord, left-angle (United States)
<b>CAB-ACE-RA</b>	Power Cord Europe, Right Angle
<b>CAB-ACI-RA</b>	Power Cord-Italian, Right Angle
<b>CAB-ACU-RA</b>	Power Cord UK, Right Angle
<b>CAB-ACC-RA</b>	Power Cord China, Right Angle
<b>CAB-ACA-RA</b>	Power Cord, Australian, Right Angle
<b>CAB-ACS-RA</b>	Power Cord for Switzerland, Right Angle
<b>CAB-ACR-RA</b>	Power Cord, Argentina, Right Angle
<b>CAB-JPN-RA</b>	Power Cord, Japan, Right Angle
<b>GLC-LH-SM=</b>	1000BASE-LX/LH SFP transceiver module for MMF and SMF, 1300-nm wavelength
<b>GLC-SX-MM=</b>	1000BASE-SX SFP transceiver module for MMF, 850-nm wavelength
<b>GLC-T=</b>	1000BASE-T SFP transceiver module for Category 5 copper wire
<b>GLC-GE-100FX=</b>	100BASE-FX SFP module for Gigabit Ethernet ports, 1310-nm wavelength, 2 km over MMF
<b>GLC-FE-100FX=</b>	100BASE-FX SFP module for 100-Mb ports, 1310-nm wavelength, 2 km over MMF
<b>CAB-SM-LCSC-1M</b>	1m fiber single-mode LC-to-SC connectors
<b>CAB-SM-LCSC-5M</b>	5m fiber single-mode LC-to-SC connectors

## For More Information

For more information about the Cisco Catalyst 2960-S Switches, visit <http://www.cisco.com/go/2960>.

## Service and Support

Cisco SMARTnet<sup>®</sup> and SMB Support Assistant maintenance contracts are available for the new Cisco Catalyst 2960-S. The Cisco Catalyst 2960-S offers next business day replacement with 90 day service and support.



Americas Headquarters  
Cisco Systems, Inc.  
San Jose, CA

Asia Pacific Headquarters  
Cisco Systems (USA) Pte. Ltd.  
Singapore

Europe Headquarters  
Cisco Systems International BV  
Amsterdam, The Netherlands

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at [www.cisco.com/go/offices](http://www.cisco.com/go/offices).

CCDE, CCENT, CCSI, Cisco Eos, Cisco Explorer, Cisco HealthPresence, Cisco IronPort, the Cisco logo, Cisco Nurse Connect, Cisco Pulse, Cisco SensorBase, Cisco StackPower, Cisco StadiumVision, Cisco TelePresence, Cisco TrustSec, Cisco Unified Computing System, Cisco WebEx, DCE, Flip Channels, Flip for Good, Flip Mino, Flipshare (Design), Flip Ultra, Flip Video, Flip Video (Design), Instant Broadband, and Welcome to the Human Network are trademarks; Changing the Way We Work, Live, Play, and Learn, Cisco Capital, Cisco Capital (Design), Cisco:Financed (Stylized), Cisco Store, Flip Gift Card, and One Million Acts of Green are service marks; and Access Registrar, Aironet, AllTouch, AsyncOS, Bringing the Meeting To You, Catalyst, CCDA, CCDP, CCIE, CCIP, CCNA, CCNP, CCSP, CCVP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, Cisco Lumin, Cisco Nexus, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Cisco Unity, Collaboration Without Limitation, Continuum, EtherFast, EtherSwitch, Event Center, Explorer, Follow Me Browsing, GainMaker, iLYNX, IOS, iPhone, IronPort, the IronPort logo, Laser Link, LightStream, Linksys, MeetingPlace, MeetingPlace Chime Sound, MGX, Networkers, Networking Academy, PCNow, PIX, PowerKEY, PowerPanels, PowerTV, PowerTV (Design), PowerVu, Prisma, ProConnect, ROSA, SenderBase, SMARTnet, Spectrum Expert, StackWise, WebEx, and the WebEx logo are registered trademarks of Cisco and/or its affiliates in the United States and certain other countries.

All other trademarks mentioned in this document or website are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1002R)