

## Cisco Catalyst 3750-E Series Switches

PB377238

The Cisco® Catalyst® 3750-E Series Switches with StackWise Plus is an enterprise-class line of stackable wiring closet switches that facilitates the deployment of secure converged applications while maximizing investment protection for evolving network and application requirements. Combining 10/100/1000 and Power over Ethernet (PoE) configurations with 10 Gigabit Ethernet uplinks, the Cisco Catalyst 3750-E enhances worker productivity by enabling applications such as IP telephony, wireless, and video.

### Cisco Catalyst 3750-E Series Primary Features

- Cisco TwinGig converter module for migrating uplinks from Gigabit Ethernet to 10 Gigabit Ethernet
- PoE configurations with 15.4W of PoE on all 48 ports
- StackWise Plus for ease of use and resiliency with up to 64 Gbps of throughput
- Modular power supply with externally available backup
- IPv6 routing, multicast routing, and access control list (ACL) in hardware
- Out-of-band Ethernet management port along with RS-232 console port

Table 1 shows switch configurations.

**Table 1.** Switch Configurations

Feature	Description
<b>Cisco Catalyst 3750E-24TD</b>	24 Ethernet 10/100/1000 ports and 2 X2 10 Gigabit Ethernet uplinks
<b>Cisco Catalyst 3750E-24PD</b>	24 Ethernet 10/100/1000 ports with PoE and 2 X2 10 Gigabit Ethernet uplinks
<b>Cisco Catalyst 3750E-48TD</b>	48 Ethernet 10/100/1000 ports and 2 X2 10 Gigabit Ethernet uplinks
<b>Cisco Catalyst 3750E-48PD</b>	48 Ethernet 10/100/1000 ports with PoE and 2 X2 10 Gigabit Ethernet uplinks
<b>Cisco Catalyst 3750E-48PD-F</b>	48 Ethernet 10/100/1000 ports with 15.4 watts PoE on all 48 ports and 2 X2 10 Gigabit Ethernet uplinks

The Catalyst 3750-E Series Switches are compatible with the Cisco Catalyst 3750 Series Switches, enabling customers to stack them together and thereby protect existing investment in the Cisco Catalyst 3750 Series Switches. The Cisco TwinGig Small Form-Factor Pluggable (SFP) converter module further protects customers' investment in the Cisco Catalyst 3750-E Series Switches by enabling migration from to 10 Gigabit Ethernet uplinks, as business needs require, without having to upgrade the switches.

The Cisco Catalyst 3750-E Series is available with either the IP Base feature set or the IP Services feature set. The IP Base feature set includes advanced quality of service (QoS), a suite of security features, rate-limiting, ACLs, and basic static and Routing Information Protocol (RIP) routing capability. The IP Services feature set provides a richer set of enterprise-class features, including advanced hardware-based IP unicast and multicast routing—Enhanced Interior Gateway Routing

Protocol (EIGRP), Open Shortest Path First (OSPF), Border Gateway Protocol (BGP), Protocol Independent Multicast (PIM), and so on.

### Availability

The Cisco Catalyst 3750-E Series Switches will be available and orderable in February, 2007.

### Ordering Information

Table 2 lists ordering information for the Cisco Catalyst 3750-E Series. To place an order, visit the Cisco Ordering homepage at

[http://www.cisco.com/en/US/ordering/or13/or8/order\\_customer\\_help\\_how\\_to\\_order\\_listing.html](http://www.cisco.com/en/US/ordering/or13/or8/order_customer_help_how_to_order_listing.html)

**Table 2.** Ordering Information for Catalyst 3750-E Series Switches

Product Number	Prod Product Description
<b>Catalyst 3750-E Series</b>	
WS-C3750E-24TD-S	<ul style="list-style-type: none"> <li>• 24 10/100/1000 ports + 2 X2-based 10 Gigabit Ethernet ports</li> <li>• 64-Gbps, high-speed StackWise Plus stacking</li> <li>• 68-Gbps, wire rate backplane</li> <li>• Field-replaceable 265WAC power supply and fan tray</li> <li>• 1 rack unit (RU) stackable multilayer switch</li> <li>• IPv6</li> <li>• IP Base software feature set (IPB)</li> </ul>
WS-C3750E-24TD-E	<ul style="list-style-type: none"> <li>• 24 10/100/1000 ports + 2 X2-based 10 Gigabit Ethernet ports</li> <li>• 64-Gbps, high-speed StackWise Plus stacking</li> <li>• 68-Gbps, wire rate backplane</li> <li>• Field-replaceable 265WAC power supply and fan tray</li> <li>• 1 rack unit (RU) stackable multilayer switch</li> <li>• IPv6</li> <li>• IP Services software feature set (IPS)</li> <li>• Provides full IPv4 dynamic routing</li> </ul>
WS-C3750E-48TD-S	<ul style="list-style-type: none"> <li>• 48 10/100/1000 ports + 2 X2-based 10 Gigabit Ethernet ports</li> <li>• 64-Gbps, high-speed StackWise Plus stacking</li> <li>• 68-Gbps, wire rate backplane</li> <li>• Field-replaceable 265WAC power supply and fan tray</li> <li>• 1 rack unit (RU) stackable multilayer switch</li> <li>• IPv6</li> <li>• IP Base software feature set (IPB)</li> </ul>
WS-C3750E-48TD-E	<ul style="list-style-type: none"> <li>• 48 10/100/1000 ports + 2 X2-based 10 Gigabit Ethernet ports</li> <li>• 64-Gbps, high-speed StackWise Plus stacking</li> <li>• 68-Gbps, wire rate backplane</li> <li>• Field-replaceable 265WAC power supply and fan tray</li> <li>• 1 rack unit (RU) stackable multilayer switch</li> <li>• IPv6</li> <li>• IP Services software feature set (IPS)</li> <li>• Provides full IPv4 dynamic routing</li> </ul>
WS-C3750E-24PD-S	<ul style="list-style-type: none"> <li>• 24 10/100/1000 PoE ports + 2 X2-based 10 Gigabit Ethernet ports</li> <li>• 64-Gbps, high-speed StackWise Plus stacking</li> <li>• 68-Gbps, wire rate backplane</li> <li>• Field-replaceable 750WAC power supply and fan tray</li> <li>• 420W available for Cisco Enhanced PoE, allowing &gt; 15.4W to all 24 ports</li> <li>• 1 rack unit (RU) stackable multilayer switch</li> <li>• IPv6</li> <li>• IP Base software feature set (IPB)</li> </ul>

WS-C3750E-24PD-E	<ul style="list-style-type: none"> <li>• 24 10/100/1000 PoE ports + 2 X2-based 10 Gigabit Ethernet ports</li> <li>• 64-Gbps, high-speed StackWise Plus stacking</li> <li>• 68-Gbps, wire rate backplane</li> <li>• Field-replaceable 750WAC power supply and fan tray</li> <li>• 420W available for Cisco Enhanced PoE, allowing &gt; 15.4W to all 24 ports</li> <li>• 1 rack unit (RU) stackable multilayer switch</li> <li>• IPv6</li> <li>• IP Services software feature set (IPS)</li> <li>• Provides full IPv4 dynamic routing</li> </ul>
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WS-C3750E-48PD-SF	<ul style="list-style-type: none"> <li>• 48 10/100/1000 PoE ports + 2 X2-based 10 Gigabit Ethernet ports</li> <li>• 64-Gbps, high-speed StackWise Plus stacking</li> <li>• 68-Gbps, wire rate backplane</li> <li>• Field-replaceable 1150WAC power supply and fan tray</li> <li>• 800W available for Cisco Enhanced PoE, allowing &gt; 15.4W to all 48 ports</li> <li>• 1 rack unit (RU) stackable multilayer switch</li> <li>• IPv6</li> <li>• IP Base software feature set (IPB)</li> </ul>
WS-C3750E-48PD-EF	<ul style="list-style-type: none"> <li>• 64-Gbps, high-speed StackWise Plus stacking</li> <li>• 68-Gbps, wire rate backplane</li> <li>• Field-replaceable 1150WAC power supply and fan tray</li> <li>• 800W available for Cisco Enhanced PoE, allowing &gt; 15.4W to all 48 ports</li> <li>• 1 rack unit (RU) stackable multilayer switch</li> <li>• IPv6</li> <li>• IP Services software feature set (IPS)</li> <li>• Provides full IPv4 dynamic routing</li> </ul>
<b>Catalyst 3750-E Series Product Activation Keys</b>	
3750E-LIC=	
Catalyst 3750-E Series Product Activation Keys	Configurations
3750E-IPSLCB-QTY	IP Services for 3750-E 24 ports, upgrade from IP Base
3750E48-IPSLCB-QTY	IP Services for 3750-E 48 ports, upgrade from IP Base
<b>Power Supplies for the Catalyst 3750-E Series</b>	
C3K-PWR-265WAC=	Catalyst 3750-E/3560-E 265WAC power supply
C3K-PWR-265WDC=	Catalyst 3750-E/3560-E 265WDC power supply
C3K-PWR-750WAC=	Catalyst 3750-E/3560-E/RPS 2300 750WAC power supply

C3K-PWR-1150WAC=	Catalyst 3750-E/3560-E/RPS 2300 1150WAC power supply
C3K-BLWR-60CFM=	Fan Module for the Catalyst 3750-E/3560-E
<b>Redundant Power System for the Catalyst 3750-E Series</b>	
PWR-RPS2300	RPS 2300
ACC-RPS2300=	Spare Accessory Kit
BLNK-RPS2300=	Spare Bay Insert
CAB-RPS2300=	Spare RPS Cable for Cisco Redundant Power System 2300
CAB-RPS2300-E=	Spare RPS 2300 cable
PWR-RPS2300=	Spare RPS Cable RPS 2300 Cat 3750E/3560E Switches
BLWR-RPS2300=	Spare RPS 2300 Blower
C3K-PWR-750WAC=	Catalyst 3750-E/3560-E/RPS 2300 750WAC power supply
C3K-PWR-1150WAC=	Catalyst 3750-E/3560-E/RPS 2300 1150WAC power supply
<b>TwinGig Converter Module for the Catalyst 3750-E Series</b>	
CVR-X2-SFP	TwinGig Converter Module
CVR-X2-SFP=	TwinGig Converter Module
<b>SFPs for the Catalyst 3750-E Series</b>	
GLC-GE-100FX=	100FX SFP on GE SFP ports for DSBU switches
GLC-LH-SM=	GE SFP, LC connector LX/LH transceiver
GLC-SX-MM=	GE SFP, LC connector SX transceiver
GLC-T=	1000BASE-T SFP
GLC-ZX-SM=	1000BASE-ZX SFP
GLC-BX-D=	1000BASE-BX SFP, 1490NM
GLC-BX-U=	1000BASE-BX SFP, 1310NM
CWDM-SFP-1470=	CWDM 1470 NM SFP Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1490=	CWDM 1490 NM SFP Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1510=	CWDM 1510 NM SFP Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1530=	CWDM 1530 NM SFP Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1550=	CWDM 1550 NM SFP Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1570=	CWDM 1570 NM SFP Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1590=	CWDM 1590 NM SFP Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1610=	CWDM 1610 NM SFP Gigabit Ethernet and 1G/2G FC
<b>X2 for Catalyst 3750-E Series</b>	
X2-10GB-ER=	10GBASE-ER X2 Module
X2-10GB-LR=	10GBASE-LR X2 Module
X2-10GB-SR=	10GBASE-SR X2 Module
X2-10GB-CX4=	10GBASE-CX4 X2 Module
X2-10GB-LX4=	10GBASE-LX4 X2 Module
X2-10GB-LRM=	10GBASE-LRM X2 Module
<b>LC to SC Cables for the Catalyst 3750-E Series</b>	
CSS5-CABLX-LCSC=	CSS11500 10-Meter Fiber Single Mode LX LC-to-SC Connectors
CSS5-CABSX-LC=	CSS11500 10-Meter Fiber Multimode SX LC Connectors
CSS5-CABSX-LCSC=	CSS11500 10-Meter Fiber Multimode SX LC-to-SC Connectors
<b>Power Cords for the Catalyst 3750-E Series</b>	
CAB-AC	Power Cord, 110V
CAB-AC=	Power Cord, 110V
CAB-16AWG-AC	AC Power cord, 16AWG

CAB-16AWG-AC=	AC Power cord, 16AWG
CAB-ACA	Plug, Power Cord, Australian, 10A
CAB-ACA=	Plug, Power Cord, Australian, 10A
CAB-ACE	Power Cord Europe
CAB-ACE=	Power Cord Europe
CAB-ACI	Power Cord-Italian
CAB-ACI=	Power Cord-Italian
CAB-ACR	Power Cord Argentina
CAB-ACR=	Power Cord Argentina
CAB-ACS	Power Cord for Switzerland
CAB-ACS=	Power Cord for Switzerland
CAB-ACU	Power Cord UK
CAB-ACU=	Power Cord UK
CAB-JPN	Power Cord-Japan
CAB-JPN=	Power Cord-Japan
CAB-IND	Power Cord India
CAB-IND=	Power Cord India
<b>Spare Rack Mount Kits for the 3750-E Series</b>	
RCKMNT-E-1RU=	Rack Mount Kit (1RU) for Catalyst 3750-E and 3560-E
CAB-C13-C14-AC	Power Cord with C14 connector
<b>Catalyst 3750-E Relicensing for Used Equipment</b>	
LL-3750E-IPB=	IP Base SW Feature set license for Catalyst 3750-E Series
LL-3750E-IPS=	IP Services SW Feature set license for Catalyst 3750-E Series
<b>Software Application Support Plus Upgrades Technical Services Contract</b>	
Catalyst 3750-E (12-24 port) IPS Upgrade from IP Base	3750E-IPS-LIC-B
<b>SMARTnet Next Business Day for the Catalyst 3750-E<sup>1</sup></b>	
CON-SNT-3750E2PE	SMARTNET 8X5XNBD WS-C3750E-24PD-E
CON-SNT-3750E2PS	SMARTNET 8X5XNBD WS-C3750E-24PD-S
CON-SNT-3750E2TE	SMARTNET 8X5XNBD WS-C3750E-24TD-E
CON-SNT-3750E2TS	SMARTNET 8X5XNBD WS-C3750E-24TD-S
CON-SNT-3750E4PE	SMARTNET 8X5XNBD WS-C3750E-48PD-E
CON-SNT-3750E4PF	SMARTNET 8X5XNBD WS-C3750E-48PD-EF
CON-SNT-3750E4PS	SMARTNET 8X5XNBD WS-C3750E-48PD-S
CON-SNT-3750E4PT	SMARTNET 8X5XNBD WS-C3750E-48PD-SF
CON-SNT-3750E4TE	SMARTNET 8X5XNBD WS-C3750E-48TD-E
CON-SNT-3750E4TS	SMARTNET 8X5XNBD WS-C3750E-48TD-S
<b>SMARTnet Next Business Day for the Catalyst 3750-E IOS Feature Set Upgrades</b>	
CON-SNT-3750ELIC	SMARTNET 8X5XNBD 3750E-LIC=
CON-SNT-3750IBSU	SMARTNET 8X5XNBD 3750E-IPSLCB-QTY
CON-SNT-3750IBS4	SMARTNET 8X5XNBD 3750E48-IPSLCB-QTY
<b>SMARTnet Next Business Day for the CWDMM SFPs<sup>1</sup></b>	
CON-SNT-CWSFP	SMARTNET 8X5XNBD CWDM-SFP-1470-1610

<sup>1</sup> **Note:** Additional SMARTnet service levels are available including:  
SMARTnet 8x5x4-hour, 24x7x4-hour, 24x7x2-hour  
SMARTnet Onsite 8x5xNext Business Day, 8x5x4-hour, 24x7x4-hour, 24x7x2-hour

## For More Information

For more information about the Cisco Catalyst 3750-E Series Switches, visit <http://www.cisco.com/en/US/products/hw/switches/index.html> or contact your local account representative.



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