



## Cisco Catalyst 3750G-48TS 48 Ethernet 10 100 1000 Ports 4 SFP-based Gigabit Ethernet Ports IP Base



The Cisco Catalyst 3750 Series Switches are innovative switches that improve LAN operating efficiency by combining industry-leading ease of use and high resiliency for stackable switches. This product series features Cisco StackWise technology, a 32-Gbps stack interconnect that allows customers to build a unified, highly resilient switching system, one switch at a time.

The Cisco Catalyst 3750G-48TS has Standard Multilayer Software Image (SMI) installed. The SMI feature set includes advanced quality of service (QoS), rate-limiting, access control lists (ACLs), and basic static and Routing Information Protocol (RIP) routing capability.

<b>Warranty</b>	Limited lifetime warranty.
<b>Barcode</b>	5051749144390
<b>Memory (Maximum)</b>	128MB DRAM
<b>Fixed Ports</b>	48 port(s) x 10/100/1000Mbps ,
<b>Uplink Ports</b>	4 port(s) x 10/100/1000Mbps ,
<b>Network Slots</b>	4 slot(s) x SFP ,
<b>Dimensions</b>	44.5cm (W) x 40.9cm (D) x 4.4cm (H) - Weight 6.4kg

### Features

- \* 48 Ethernet 10/100/1000 ports and 4 SFP-based Gigabit Ethernet ports
- \* 32-Gbps, high-speed stacking bus
- \* Innovative stacking technology
- \* 1 RU stackable, multilayer switch
- \* Enterprise-class intelligent services delivered to the network edge
- \* EMI installed
- \* Provides full dynamic IP routing
- \* Full IP routing with BGPv4, EIGRP, OSPF, PIM
- \* Ease of use and deployment
- \* Scalability - Fast Ethernet to Gigabit Ethernet



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- \* Superior Redundancy for Fault Backup
- \* High-performance IP routing
- \* Integrated Cisco IOS Software features for bandwidth optimization
- \* Scalable stacking:- Cisco StackWise stacking creates a 32-Gbps backplane. Stacking does not require user ports. Up to 9 units can be stacked together for a maximum of 468 10/100 ports, 252 10/100/1000 ports, 108 optical aggregation ports, or any mix there
- \* Advanced QoS
- \* Granular rate limiting
- \* Network-Wide Security Features
- \* Superior Manageability
- \* Cisco CMS Software
- \* Easy Web setup
- \* CiscoWorks support

## **Specification**

### **General**

The Cisco Catalyst 3750 Series Switches are innovative switches that improve LAN operating efficiency by combining industry-leading ease of use and high resiliency for stackable switches. This product series features Cisco StackWise technology, a 32-Gbps stack interconnect that allows customers to build a unified, highly resilient switching system, one switch at a time.

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### Memory

Flash Memory	32MB
Memory (Maximum)	128MB DRAM

### Performance

Backplane	32Gbps
MAC Addresses	12,000
Mean Time Between Failure (MTBF)	165,243 Hours
Packet Forwarding Rate	38.7Mpps

### Interfaces Ports

Network Speeds Supported	10/100/1000Mbps
Fixed Ports	48 port(s) x 10/100/1000Mbps ,
Uplink Ports	4 port(s) x 10/100/1000Mbps ,
Network Slots	4 slot(s) x SFP ,

### System

#### Management Capabilities

Cisco IOS CLI support provides common user interface and command set with all Cisco routers and Cisco Catalyst desktop switches. Service Assurance Agent support facilitates service-level management throughout the LAN. Switching Database Manager templates for access, routing, and VLAN deployment scenarios allow the administrator to easily maximize memory allocation to the desired features based on deployment-specific requirements. VLAN trunks can be created from any port, using either standards-based 802.1Q tagging or the Cisco Inter-Switch Link (ISL) VLAN architecture. Up to 1024 VLANs per switch or stack and up to 128 spanning-tree instances per switch are supported. 4000 VLAN IDs are supported. Voice VLAN simplifies telephony installations by keeping voice traffic on a separate VLAN for easier administration and troubleshooting. Cisco VLAN Trunking Protocol (VTP) supports dynamic VLANs and dynamic trunk configuration across all switches. Cisco Group Management Protocol (CGMP) server functions enable a switch to serve as the CGMP router for CGMP client switches. EMI is required. IGMP snooping provides fast client joins and leaves of multicast streams and limits bandwidth-intensive video traffic to only the requestors. Remote Switch Port Analyzer (RSPAN) allows



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### Certifications

Safety: UL to UL 60950, Third Edition C-UL to CAN/CSA C22.2 No. 60950-00, Third Edition TUV/GS to EN 60950:2000 CB to IEC 60950 with all country deviations NOM to NOM-019-SCFI CE Marking.  
Electromagnetic Emissions Certifications: FCC Part 15 Class A  
EN 55022: 1998 (CISPR22) EN 55024: 1998 (CISPR24) VCCI Class A  
AS/NZS 3548 Class A CE CNS 13438 Class A MIC.

### Electrical

Voltage/Power/Frequency 100 to 240VAC / 50 to 60Hz

### Environmental

Noise Level (full operating mode) 48dbA

Environmental Operating Temperature 0 to 45C - Humidity 10 to 85%

### Physical

LED Status Indicators Per-port status LEDs: link integrity, disabled, activity, speed, and full-duplex indications, System-status LEDs: system, RPS, and bandwidth-utilization indications

Dimensions 44.5cm (W) x 40.9cm (D) x 4.4cm (H) - Weight 6.4kg



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### Options

#### Other

Cisco	CD-3750G-EMI=	Cisco Enhanced Multilayer Image (EMI) Software Upgrade Kit	2122.87	<a href="#">VIEW&gt;</a>
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#### Optical adapters

Cisco	CWDM-SFP-1550=	Cisco CWDM SFP 1550 nm Gigabit Ethernet and 1G/2G FC (Yellow)	3467.67	<a href="#">VIEW&gt;</a>
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Cisco	CWDM-SFP-1530=	Cisco CWDM SFP 1530 nm Gigabit Ethernet and 1G/2G FC (Green)	2893.75	<a href="#">VIEW&gt;</a>
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Cisco	CWDM-SFP-1510=	Cisco CWDM SFP 1510 nm Gigabit Ethernet and 1G/2G FC (Blue)	2952.71	<a href="#">VIEW&gt;</a>
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Cisco	CWDM-SFP-1490=	Cisco CWDM SFP 1490 nm Gigabit Ethernet and 1G/2G FC (Violet)	2952.71	<a href="#">VIEW&gt;</a>
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Cisco	CWDM-SFP-1470=	Cisco CWDM SFP 1470 nm Gigabit Ethernet and 1G/2G FC (Grey)	2952.71	<a href="#">VIEW&gt;</a>
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Cisco	CWDM-SFP-1610=	Cisco CWDM SFP 1610 nm Gigabit Ethernet and 1G/2G FC (Brown)	2952.71	<a href="#">VIEW&gt;</a>
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Cisco	CWDM-SFP-1590=	Cisco CWDM SFP 1590 nm Gigabit Ethernet and 1G/2G FC (Red)	2952.71	<a href="#">VIEW&gt;</a>
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Cisco	GLC-T=	Cisco GE SFP RJ-45 Connector 1000 BASE-T SFP	189.00	<a href="#">VIEW&gt;</a>
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Cisco	CWDM-SFP-1570=	Cisco CWDM SFP 1570 nm Gigabit Ethernet and 1G/2G FC (Orange)	2952.71	<a href="#">VIEW&gt;</a>
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Cisco	XENPAK-10GB-LR	Cisco 10GBASE-LR XENPAK Module for SMF	Call us	<a href="#">VIEW&gt;</a>
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Cisco	XENPAK-10GB-SR	Cisco 10GBASE-SR XENPAK Module for MMF	Call us	<a href="#">VIEW&gt;</a>
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Cisco	XENPAK-10GB-LX4	Cisco 10GBASE-LX4 XENPAK Module for MMF	Call us	<a href="#">VIEW&gt;</a>
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Cisco	XENPAK-10GB-ER	Cisco 10GBASE-ER XENPAK Module for SMF	Call us	<a href="#">VIEW&gt;</a>
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Cisco	GLC-LH-SM=	Cisco Fibre SFP LC connector LH Transceiver 1000BASE-LX/LH SFP Module (Spare)	316.76	<a href="#">VIEW&gt;</a>
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Cisco	XENPAK-10GB-CX4	Cisco 10GBASE-CX4 XENPAK Module for CX4 Cable	Call us	<a href="#">VIEW&gt;</a>
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Cisco	GLC-SX-MM	Cisco SX Fibre GE SFP LC connector SX Transceiver 1000BASE-SX SFP Module	413.24	<a href="#">VIEW&gt;</a>
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#### Power Supplies

Cisco	PWR675-AC-RPS-NI=	Cisco RPS 675 Redundant Power Supply with 1 connector cable	Call us	<a href="#">VIEW&gt;</a>
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### Mounts

Cisco	RCKMNT-3550-1.5RU=	Cisco Catalyst 2970 1.5 RU Rack Mount Kit	42.74	<a href="#">VIEW&gt;</a>
Cisco	RCKMNT-REC-1RU=	Cisco Catalyst 3750 1RU Recessed Rack Mount Kit	29.82	<a href="#">VIEW&gt;</a>
Cisco	RCKMNT-REC-1.5RU=	Cisco Catalyst 3750 1.5RU Recessed Rack Mount Kit	29.82	<a href="#">VIEW&gt;</a>
Cisco	RCKMNT-1RU=	Cisco Catalyst 3750G-24T Rack Mount Kit	42.74	<a href="#">VIEW&gt;</a>

### Interconnect Cables

Cisco	CAB-RPS-1614=	Cable for Cisco RPS 675 to external device connection 1.2m	50.49	<a href="#">VIEW&gt;</a>
Cisco	CAB-SM-LCSC-5M	Fibre Singlemode LC-to-SC Connectors 5 Metre	Call us	<a href="#">VIEW&gt;</a>
Cisco	CAB-SM-LCSC-1M	Fibre Singlemode LC-to-SC Connectors 1 Metre	Call us	<a href="#">VIEW&gt;</a>
Cisco	CSS5-CABSX-LCSC=	CSS11500 10 Metre Fibre Multimode SX LC-to-SC Connectors	Call us	<a href="#">VIEW&gt;</a>
Cisco	CSS5-CABSX-LC=	CSS11500 10 Metre Fibre Multimode SX LC Connectors	230.33	<a href="#">VIEW&gt;</a>
Cisco	CSS5-CABLX-LCSC=	CSS11500 10 Metre Fibre Single Mode LX LC-to-SC Connectors	251.67	<a href="#">VIEW&gt;</a>
Cisco	CAB-INF-28G-5	Infiniband CX4 copper XENPAK cable 5m	Call us	<a href="#">VIEW&gt;</a>
Cisco	CAB-INF-28G-10	Infiniband CX4 copper XENPAK cable 10m	Call us	<a href="#">VIEW&gt;</a>
Cisco	CAB-INF-26G-15	Infiniband CX4 copper XENPAK cable 15m	Call us	<a href="#">VIEW&gt;</a>

### Network Cable

Cisco	CAB-STACK-1M=	Cisco StackWise 1M Stacking Cable	114.56	<a href="#">VIEW&gt;</a>
Cisco	CAB-STACK-3M=	Cisco StackWise 3M Stacking Cable	169.36	<a href="#">VIEW&gt;</a>
Cisco	CAB-STACK-50CM=	Cisco (0.5m) Stacking Network Cable	65.64	<a href="#">VIEW&gt;</a>

## About Memory Express

Although we started out selling just Memory the best part of fifteen years ago, we have diversified organically over the years at the request of our customers. We specialise in Networking, Storage and Disaster Recovery and have the knowledge, experience and strategic partnerships to provide you with the service and value you demand - quality products, reasonably priced and delivered on time.

Memory Express can offer you a full range of installation and configuration services for hardware and software as well as detailed, accurate advice on all aspects of your IT projects. You'll be glad to know that we don't have a room full of school leavers trying to sell products they don't understand - all our staff are seasoned IT specialists and have an average length of service of over ten years. We won't just push you towards the solution we feel like selling; we'll help you to find the one you need.



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Meanwhile, online, we offer one of the largest product ranges of any UK IT supplier. Showing near live stock, in depth product information and keen pricing, we're sure you'll find what you need. We also have matched memory upgrades for over 50,000 models of computer, server, printer, phone and camera, guaranteeing you the right memory, first time. All this is backed up by the same great service you'd expect when dealing with us over the phone. For our regular business customers, we provide T3, our corporate purchasing portal which provides a truly corporate focused buying experience.

We're conveniently located in Park Royal, London's Technology Business Park, allowing us to reach all areas of the UK quickly and efficiently. Many of our City based corporate clients benefit from same day delivery and we can offer next day delivery to established customers throughout the British Isles. Online delivery tracking and status information means that you need not worry about the whereabouts of your order.

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