



Quick Look

Cisco Catalyst 4500 Series Switches for Enterprise Deployments

Each Cisco® Catalyst® 4500 Series chassis model has a different number of available card slots and can accommodate a variety of line card and supervisor options. Customers can choose 48-port 10/100, 10/100/1000 and Power over Ethernet line cards. These cards can be added to the chassis as needed to customize an access, distribution, or server aggregation platform.

USER ACCESS

When to Buy	Chassis	Line Card Options	Line Card Part Numbers	Supervisor
Up to 240 ports of any access type.	Catalyst 4506 (WS-C4506)	48-port 10/100	WS-X4148-RJ	Supervisor II-Plus (WS-X4013+)
		48-port 10/100 PoE	WS-X4248-RJ45V	
		48-port 10/100/1000	WS-X4548-GB-RJ45	
		48-port 10/100/1000 PoE	WS-X4548-GB-RJ45V	
Up to 240 ports of PoE with dual supervisors for enhanced resiliency.	Catalyst 4507R (WS-C4507R)	48-port 10/100	WS-X4148-RJ	Supervisor II-Plus (WS-X4013+)
		48-port 10/100 PoE	WS-X4248-RJ45V	
		48-port 10/100/1000	WS-X4548-GB-RJ45	
		48-port 10/100/1000 PoE	WS-X4548-GB-RJ45V	
Up to 240 ports of any access type with optional NetFlow capability.	Catalyst 4507R (WS-C4507R)	48-port 10/100 PoE	WS-X4248-RJ45V	Supervisor IV (WS-X4515)
		48-port 10/100/1000 PoE	WS-X4548-GB-RJ45V	
Up to 240 ports of any access type with 10 GE uplinks for high performance user access. Can have dual supervisors for enhanced resiliency.	Catalyst 4506 (WS-C4506)	48-port 10/100	WS-X4148-RJ	Supervisor II-Plus 10 GE (WS-X4013+10GE, L2+)
		48-port 10/100 PoE	WS-X4248-RJ45V	
	Catalyst 4507R (WS-C4507R)	48-port 10/100/1000	WS-X4548-GB-RJ45	Supervisor V-10GE (WS-X4516-10GE, L3)
		48-port 10/100/1000 PoE	WS-X4548-GB-RJ45V	
Up to 336 ports of any access type with optional NetFlow capability. Can have dual supervisors for enhanced resiliency.	Catalyst 4510R (WS-C4510R)	48-port 10/100	WS-X4148-RJ	Supervisor V (WS-X4516)
		48-port 10/100 PoE	WS-X4248-RJ45V	
		48-port 10/100/1000	WS-X4548-GB-RJ45	
		48-port 10/100/1000 PoE	WS-X4548-GB-RJ45V	
Up to 384 ports of any access type with 10 GE uplinks and embedded NetFlow. Can have dual supervisors for enhanced resiliency.	Catalyst 4510R (WS-C4510R)	48-port 10/100	WS-X4148-RJ	Supervisor V-10GE (WS-X4516-10GE)
		48-port 10/100 PoE	WS-X4248-RJ45V	
		48-port 10/100/1000	WS-X4548-GB-RJ45	
		48-port 10/100/1000 PoE	WS-X4548-GB-RJ45V	

LAYER 3 DISTRIBUTION

When to Buy	Chassis	Line Card Options	Line Card Part Numbers	Supervisor
Up to 32 ports of line rate gigabit fiber ports with Full Layer 3 routing and optional NetFlow.	Catalyst 4506 Series (WS-C4506)	6-port Gigabit Ethernet (GBIC)	WS-X4306-GB	Supervisor IV (WS-X4515)
		6-Port 10/100/1000 (SFP)	WS-X4506-GB-T	
Up to 48 ports of line rate gigabit fiber ports with Full Layer 3 routing and optional NetFlow.	Catalyst 4510R (WS-C4510R)	6-port Gigabit Ethernet (GBIC)	WS-X4306-GB	Supervisor V (WS-X4516)
		6-Port 10/100/1000 (SFP)	WS-X4506-GB-T	

SERVER AGGREGATION

When to Buy	Chassis	Line Card Options	Line Card Part Numbers	Supervisor
Up to 36 ports of line rate gigabit fiber ports with 2 line rate 10 GE uplinks.	Catalyst 4506 Series (WS-C4506)	6-port Gigabit Ethernet (GBIC)	WS-X4306-GB	Supervisor II-Plus 10 GE (WS-X4013+10GE, L2+)
		6-Port 10/100/1000 (SFP)	WS-X4506-GB-T	
Up to 120 ports of copper gigabit. 4 ports of gigabit fiber or 2 wire speed 10 GE uplinks.	Catalyst 4506 Series (WS-C4506)	24-port 10/100/1000BASE-T	WS-X4424-GB-RJ45	Supervisor II-Plus (WS-X4013+)
				Supervisor II-Plus 10 GE (WS-X4013+10GE, L2+)
Up to 192 ports of gigabit copper. 4 ports of gigabit fiber or 2 wire speed 10 GE uplinks.	Catalyst 4510R (WS-C4510R)	24-port 10/100/1000BASE-T	WS-X4424-GB-RJ45	Supervisor V (WS-X4516)
				Supervisor V-10GE (WS-X4516-10GE, L3)



Corporate Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA

www.cisco.com
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 526-4100

European Headquarters
Cisco Systems International BV
Haarlerbergpark
Haarlerbergweg 13-19
1101 CH Amsterdam
The Netherlands
www-europe.cisco.com
Tel: 31 0 20 357 1000
Fax: 31 0 20 357 1100

Americas Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-7660
Fax: 408 527-0883

Asia Pacific Headquarters
Cisco Systems, Inc.
168 Robinson Road
#28-01 Capital Tower
Singapore 068912
www.cisco.com
Tel: +65 6317 7777
Fax: +65 6317 7799

Cisco Systems has more than 200 offices in the following countries and regions. Addresses, phone numbers, and fax numbers are listed on the
Cisco.com Website at www.cisco.com/go/offices.

Argentina • Australia • Austria • Belgium • Brazil • Bulgaria • Canada • Chile • China PRC • Colombia • Costa Rica • Croatia • Cyprus • Czech Republic
Denmark • Dubai, UAE • Finland • France • Germany • Greece • Hong Kong SAR • Hungary • India • Indonesia • Ireland • Israel • Italy
Japan • Korea • Luxembourg • Malaysia • Mexico • The Netherlands • New Zealand • Norway • Peru • Philippines • Poland • Portugal
Puerto Rico • Romania • Russia • Saudi Arabia • Scotland • Singapore • Slovakia • Slovenia • South Africa • Spain • Sweden
Switzerland • Taiwan • Thailand • Turkey • Ukraine • United Kingdom • United States • Venezuela • Vietnam • Zimbabwe

Copyright © 2006 Cisco Systems, Inc. All rights reserved. CCSP, CCVP, the Cisco Square Bridge logo, Follow Me Browsing, and StackWise are trademarks of Cisco Systems, Inc.; Changing the Way We Work, Live, Play, and Learn, and iQuick Study are service marks of Cisco Systems, Inc.; and Access Registrar, Aironet, BPX, Catalyst, CCDA, CCDP, CCIE, CCIP, CCNA, CCNP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Cisco Unity, Enterprise/Solver, EtherChannel, EtherFast, EtherSwitch, Fast Step, FormShare, GigaDrive, GigaStack, HomeLink, Internet Quotient, IOS, IP/TV, iQ Expertise, the iQ logo, iQ Net Readiness Scorecard, LightStream, Linksys, MeetingPlace, MGX, the Networkers logo, Networking Academy, Network Registrar, Packet, PIX, Post-Routing, Pre-Routing, ProConnect, RateMUX, ScriptShare, ScriptShare, SlideCast, SMARTnet, The Fastest Way to Increase Your Internet Quotient, and TransPath are registered trademarks of Cisco Systems, Inc. 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.
(0601R)

Printed in the USA

C45-387625-00 01/07