



Cisco 3200 Series Wireless and Mobile Router

PRODUCT OVERVIEW

Cisco® 3200 Series wireless and mobile routers are rugged wireless routers that offer secure data, voice, and video communication, and support multiple wired and wireless links, including integrated 802.11b/g and 4.9-GHz wireless technologies. With a flexible, compact form factor, these routers are ideally suited for integration in vehicles or outdoor environments. Standards-based Mobile IP delivers transparent roaming for mobile applications; and Cisco IOS® Software provides security, manageability, and scalability, along with interoperability between networks, while allowing for future network expansions and upgrades.

The Cisco 3200 components can be embedded into a system integrator's enclosure or purchased from Cisco as a fully assembled bundle in the Cisco 3200 Rugged Enclosure. The rugged enclosure addresses specific physical and environmental deployment requirements for public safety, homeland security, transportation, and the defense markets. Manufactured by Cisco Systems®, The Cisco 3200 Rugged Enclosure completely seals the cards and is designed to withstand harsh environments inside vehicles and in outdoor deployments. The enclosure is designed to withstand high temperature variations, high altitude, intense shock/vibration, and exposure to damp, wet, or dusty conditions. For more information on the Cisco 3200 Series router and interface cards and the Cisco Rugged Enclosure, visit: <http://www.cisco.com/go/3200>

NEW CISCO 3200 SERIES ROUTER ORDERING NUMBERS

To address the numerous markets and distribution channels in which Cisco 3200 Series routers are sold, Cisco has updated the Cisco 3200 ordering numbers. The Cisco 3200 Series product capabilities remain the same. Cisco is simply providing additional part numbers to provide more options for preconfigured hardware bundles. This document describes the new ordering numbers for the Cisco 3200 Series. For detailed information about Cisco 3200 Series ordering options, see the Cisco 3200 Series Ordering Guide.

ORDERING OPTION 1: CISCO 3200 SERIES BUNDLES IN THE FULLY ASSEMBLED CISCO RUGGED ENCLOSURE

The bundles in the Cisco Rugged Enclosure are designated as Cisco 3230 enclosed models and consist of a Mobile Access Router Card (MARC), a Serial Mobile Interface Card (SMIC), a Fast Ethernet Switching Mobile Interface Card (FESMIC), and a Mobile Router Power Card (MRPC). The quantity of wireless mobile interface cards (WMICs) varies from bundle to bundle. The part number helps indicate the quantity and type of WMICs that may be included.

The Cisco 3230 Series bundles in the Cisco Rugged Enclosure do not include external wireless antennas or external power cabling. For more information on purchasing options for these components, see the Cisco 3200 Antenna Guide and the Cisco 3200 Series Power Cabling Guide.

Table 1. Fully Assembled Cisco 3200 Series Bundles in the Cisco Rugged Enclosure

Cisco 3200 Series Bundles	Description	Cisco SMARTnet (8x5xNBD) Support
Cisco 3200 Series Rugged Enclosure WMIC Bundles Worldwide (Fully Assembled)		
C3230ENC-1WMIC-K9	Cisco 3230 bundle with Rugged Enclosure fully assembled with (1) 2.4-GHz WMIC	CON-SNT-C3230ENC
C3230ENC-2WMIC-K9	Cisco 3230 bundle with Rugged Enclosure fully assembled with (2) 2.4-GHz WMICs	CON-SNT- C3230EN2

Cisco 3200 Series Bundles	Description	Cisco SMARTnet (8x5xNBD) Support
C3230ENC-3WMIC-K9	Cisco 3230 bundle with Rugged Enclosure fully assembled with (3) 2.4-GHz WMICs	CON-SNT- C3230EN3
Cisco 3200 Series Rugged Enclosure WMIC Bundles for the United States (Fully Assembled)		
C3230ENC-1W-49-K9	Cisco 3230 bundle with Rugged Enclosure fully assembled with (1) 4.9-GHz WMIC for the United States	CON-SNT-32301W49
C3230ENC-24-49-K9	Cisco 3230 bundle with Rugged Enclosure fully assembled with (1) 2.4-GHz and (1) 4.9-GHz WMIC for the United States	CON-SNT-32302449
C3230ENC-2W24-49K9	Cisco 3230 bundle with Rugged Enclosure fully assembled with (2) 2.4-GHz WMICs and (1) 4.9-GHz WMIC for the United States	CON-SNT-ENCW2449
C3230ENC-3W-49-K9	Cisco 3230 bundle with Rugged Enclosure fully assembled with (3) 4.9-GHz WMICs for the United States	CON-SNT-ENC3W49
Cisco 3200 Series Rugged Enclosure WMIC Bundles for Europe (Fully Assembled)		
C3230ENC-2WMICE-K9	Cisco 3230 bundle with Rugged Enclosure fully assembled with (2) 2.4-GHz WMICs for most of Europe	CON-SNT-2WMICE
C3230ENC-3WMICE-K9	Cisco 3230 bundle with Rugged Enclosure fully assembled with (3) 2.4-GHz WMICs for most of Europe	CON-SNT-3WWICE
Cisco 3200 Series Rugged Enclosure WMIC Bundles for Japan (Fully Assembled)		
C3230ENC-2WJ-K9	Cisco 3230 bundle with Rugged Enclosure fully assembled with (2) 2.4-GHz WMICs for Japan (10 mW)	CON-SNT-ENC2WJ
C3230ENC-2WJ10-K9	Cisco 3230 bundle with Rugged Enclosure fully assembled with (2) 2.4-GHz WMICs for Japan	CON-SNT-ENC2WJ10
Worldwide Cisco 3200 Series Rugged Enclosure Bundles with No WMICs (Fully Assembled)		
C3230ENC-K9	Cisco 3230 bundle with Rugged Enclosure fully assembled with no WMICs	CON-SNT-C3230ENK

Note: The Cisco 3200 Series offers service and support options in addition to 8x5xNBD Support. Please contact your Cisco Service Account Manager for details.

ORDERING OPTION 2: STANDALONE CISCO 3200 SERIES CARD BUNDLES (NO ENCLOSURE)

Cisco 3200 Series card bundles (router and mobile interface cards without the rugged enclosure) can be ordered by Cisco 3200 Series Advanced Technology Providers. These bundles consist of the same router and mobile interface cards as the rugged enclosure bundles, but do not have the thermal plates and rugged enclosure components. Systems integrators can order Cisco 3200 Series routers and mobile interface cards to provide a Cisco wireless and mobile network solution in custom enclosures in order to meet unique deployment requirements.

These standalone card bundles ship as a set of cards with a single MARC, SMIC, and FESMIC, and an optional number of WMICs. The standalone card bundles do not include the Cisco enclosure, MRPC, or internal or external cabling. The Cisco 3200 Series card stacks are powered by a DC-to-DC power converter card available through Datal Corporation. You can order Datal power cards through the following Website <http://www.cd4power.com/>. Internal and external cables can be ordered separately through **reference sale** documentation provided on the Cisco 3200 Series Partner Website.

Table 2 lists the Cisco 3200 Series card bundles available to order from Cisco. The common denominator for each bundle is a MARC, SMIC, or a FESMIC. The part number indicates the quantity and type of WMIC included in the bundle.

Table 2. Standalone Cisco 3200 Series Card Bundles (No Enclosure)

Cisco 3200 Series Bundles	Description	Cisco SMARTnet (8x5xNBD) Support
Worldwide Card Bundles (No WMICs)		
C3230-K9	Cisco 3230 bundle for worldwide	CON-SNT-C3230K9
Cisco 3200 Series WMIC Card Bundles for North America		
C3230-1WMIC-K9	Cisco 3230 bundle with (1) 2.4-GHz WMIC for North America	CON-SNT-C3230C1W
C3230-2WMIC-K9	Cisco 3230 bundle with (2) 2.4-GHz WMICs for North America	CON-SNT-C3230WMIC
C3230-3WMIC-K9	Cisco 3230 bundle with (3) 2.4-GHz WMICs for North America	CON-SNT-C32303WC
C3230-1W-49-K9	Cisco 3230 bundle with (1) 4.9-GHz WMIC for the United States	CON-SNT-32301W49
C3230-24-49-K9	Cisco 3230 bundle with (1) 2.4-GHz WMIC for North America and (1) 4.9-GHz WMIC for the United States	CON-SNT-32302449
C3230-2W24-49-K9	Cisco 3230 bundle with (2) 2.4-GHz WMICs for North America and (1) 4.9-GHz WMIC for the United States	CON-SNT-2W2449
C3230-3W-49-K9	Cisco 3230 bundle with (3) 4.9-GHz WMICs for the United States	CON-SNT-32303W49
C3230WMIC-KIT=	Cisco 3200 Series WMIC Accessory Kit for Cisco 3200 Series WMICs*	–
Cisco 3200 Series WMIC Card Bundles for Europe		
C3230-2WMICE-K9	Cisco 3230 bundle with (2) 2.4-GHz WMICs for most of Europe	CON-SNT-3230MICE
C3230-3WMICE-K9	Cisco 3230 bundle with (3) 2.4-GHz WMICs for most of Europe	CON-SNT-3WMICE
C3230WMIC-KIT=	Cisco 3200 WMIC Accessory Kit for Cisco 3200 Series WMICs*	–
Cisco 3200 Series WMIC Card Bundles for Japan		
C3230-2WMICJ-K9	Cisco 3230 bundle with (2) 2.4-GHz WMICs for Japan	CON-SNT-C32302WMICJ
C3230-2WMICJ10-K9	Cisco 3230 bundle with (2) 2.4-GHz WMICs (10 mW) for Japan	CON-SNT-2WMICJ10
C3230WMIC-KIT=	Cisco 3200 Series WMIC Accessory Kit for Cisco 3200 Series WMICs*	–

* The WMIC Accessory Kit provides antenna connectors and internal cabling for the WMICs. The C3230WMIC-KIT= must be ordered when customers are upgrading an existing C3230ENC bundle with a spare WMIC. The WMIC Assembly Kit provides antenna connectors and internal cabling required for adding the WMIC to a C3230ENC bundle.

ORDERING OPTION 3: CISCO 3200 SERIES INDIVIDUAL OR SPARE CARDS FOR USE WITH AND WITHOUT THE CISCO RUGGED ENCLOSURE

The third way to order Cisco 3200 Series products is to order individual or spare cards. Cisco 3200 Series router and mobile interface cards are orderable with or without thermal plates. Cards with thermal plates are used with the Cisco 3200 Series Rugged Enclosure and are identified with the letters “TP” in the part number. Customers may purchase additional spare WMICs and add them to available slots inside the Cisco Rugged Enclosure. The Cisco 3200 Rugged Enclosure bundles are limited to 1 SMIC and 1 FESMIC.

Cards without thermal plates are to be embedded in third-party enclosure designs offered by qualified system integrators. Cisco does not sell thermal plates separately.

Table 3. Cisco 3200 Series Spare Cards

Cisco 3200 Series Bundles	Description	Cisco SMARTnet (8x5xNBD) Support
Cisco 3200 Series Mobile Interface Cards (Without Thermal Plates)		
CISCO3251MARC	Cisco 3200 Series Mobile Access Router Card	CON-SNT-C3251MARC
CISCO3201SMIC=	Cisco 3200 Series Serial Mobile Interface Card	CON-SNT-C3201SMI
CISCO3201FESMIC=	Cisco 3200 Series Fast Ethernet Switch Mobile Interface Card	CON-SNT-C2301FEIC
C3201WMIC-A-K9=	Cisco 3200 Series 802.11b/g Wireless Mobile Interface Card for North America	CON-SNT-C3201CA9
C3201WMIC-E-K9=	Cisco 3200 Series 802.11b/g Wireless Mobile Interface Card for most of Europe	CON-SNT-C3201WMI
C3201WMIC-J-K9=	Cisco 3200 Series 802.11b/g Wireless Mobile Interface Card for Japan	CON-SNT-C320WCJK
C3201WMIC-J10-K9=	Cisco 3200 Series 802.11b/g Wireless Mobile Interface Card for Japan (10 mW)	CON-SNT-C320WJK9
C3202WMIC-A49-K9=	Cisco 3200 Series 4.9-GHz Wireless Mobile Interface Card	CON-SNT-C3202WMI
C3230WMIC-KIT=	Cisco 3200 Series WMIC Accessory Kit for Cisco 3200 Series WMICs*	
Cisco 3200 Series Mobile Interface Cards (With Thermal Plates)		
C3251MARC-TP	Cisco 3200 Series Mobile Access Router Card	CON-SNT-C3251MAR
C3201SMIC-TP=	Cisco 3200 Series Serial Mobile Interface Card	CON-SNT-C3201SMC
C3201FESMIC-TP=	Cisco 3200 Series Fast Ethernet Switch Mobile Interface Card	CON-SNT-C3201FES
C3202WMIC-TPA49K9=	Cisco 3200 Series 802.11b/g Wireless Mobile Interface Card for North America	CON-SNT-C3201WMA
C3201WMIC-TPEK9=	Cisco 3200 Series 802.11b/g Wireless Mobile Interface Card for most of Europe	CON-SNT-C3201WME
C3201WMIC-TPJK9=	Cisco 3200 Series 802.11b/g Wireless Mobile Interface Card for Japan	CON-SNT-C3201WCT
C3201WMIC-TPJ10K9=	Cisco 3200 Series 802.11b/g Wireless Mobile Interface Card for Japan (10 mW)	CON-SNT-C3201WMJ
C3202WMIC-TPA49K9=	Cisco 3200 Series 4.9-GHz Wireless Mobile Interface Card	CON-SNT-C3202WMT
C3230WMIC-KIT=	Cisco 3200 Series WMIC Accessory Kit for Cisco 3200 Series WMICs*	

* The WMIC Accessory Kit provides antenna connectors and internal cabling for the WMICs. The C3230WMIC-KIT= must be ordered when customers are upgrading an existing C3230ENC bundle with a spare WMIC. The WMIC Assembly Kit provides antenna connectors and internal cabling required for adding the WMIC to a C3230ENC bundle.

AVAILABILITY

The new SKUs listed above are orderable now.

FOR MORE INFORMATION

For more information about Cisco 3200 Series wireless and mobile routers, visit <http://www.cisco.com/go/3200> or contact your local account representative.

MARKETING CONTACTS

Brad Tips—Product Manager Cisco 3200 Series Wireless and Mobile Router (btips@cisco.com)

Marc Bresniker—Product Manager Cisco 3200 Series Wireless and Mobile Router (mbresnik@cisco.com)



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

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