

Cisco 3201, Cisco 3202, & Cisco 3205 Wireless Mobile Interface Card (WMIC) Software Release 12.4(3)JK

PB492415

The 12.4(3)JK software release provides a breadth of new feature enhancements for the wireless mobile interface cards (WMICs) available on the Cisco 3200 Rugged Integrated Services Router (ISR). The software release includes new standards-based authentication & security methods, wireless interoperability with Cisco's new outdoor wireless mesh access points, and expanded security profiles for the Work Group Bridge station role.

These features are available with the 12.4(3)JK software release for the Cisco 3201 (2.4GHz WMIC), Cisco 3202 (4.9GHz WMIC), and Cisco 3205 (5GHz WMIC). 12.4(3)JK is available on CCO effective May, 2008. Table 1 shows the new features released in 12.4(3)JK.

Table 1: New Features Available with 12.4(3)JK

Feature	Benefit	Wireless MIC Support ¹
Prioritized Multiple Client Profiles	<ul style="list-style-type: none"> Provides flexible deployment scenarios through the use of a priority based profile system Profiles allow the configuration of authentication, encryption, and channel width per SSID 	C3201WMIC ²
Client EAP Authentication Methods	<ul style="list-style-type: none"> Standards-based security through the use of additional client (Work Group Bridge (WGB) and Non-Root Bridge (NRB)) EAP methods including EAP-FAST and EAP-TLS 	C3202WMIC-A49K9, C3205WMIC-A-K9, C3205WMIC-E-K9 (3201WMIC support provided in 12.3(8))
WPA/WPAv2 Wireless Security	<ul style="list-style-type: none"> Provides standards-based wireless security between access point and client (Universal WGB & WGB) or between a Root Bridge and Non-Root Bridge 	C3201WMIC, C3202WMIC-A49K9, C3205WMIC-A-K9, C3205WMIC-E-K9
Wireless Interoperability with Cisco Outdoor Unified Wireless Architecture	<ul style="list-style-type: none"> Use of the client workgroup bridge station role to provide interoperability with the Cisco 1242 (1240/WLC—4.2.99.0 image or later) LAP & Autonomous AP, Cisco 1522 and 1524 Outdoor Mesh Access Points (152X/WLC—MESH R3 4.1.192.XXM image or later) Provides enterprise class uplink capabilities to MESH based infrastructures 	C3201WMIC, C3202WMIC-A49K9, C3205WMIC-A-K9, C3205WMIC-E-K9
Software Support for New Cisco 3205 WMIC (5GHz)	<ul style="list-style-type: none"> Software Introduction for new 5GHz WMIC N. American Channel Support: 5.725-5.850GHz European Channel Support: 5.47-5.725GHz 	C3205WMIC-A-K9, C3205WMIC-E-K9
Dynamic Frequency Selection (European SKU only)	<ul style="list-style-type: none"> Allows radio to detect military or weather radars Dynamically shifts channel use away from channels used by military or weather radars 	C3205WMIC-E-K9

Upgrade Paths

Customers can upgrade their existing Wireless Mobile Interface Cards with 12.4(3)JK by downloading the new software release from CCO.

¹ SKUs listed are Wireless Mobile Interface Cards without Thermal Plates. C3201, C3202, & C3205 WMICs with thermal plates use the same software and are not listed in Table 1

² C3201WMIC includes C3201WMIC-A-K9, C3201WMIC-E-K9, C3201WMIC-J-K9, C3201WMIC-J10-K9

Ordering Information

To place an order, visit the Cisco Ordering Home Page. To download software, visit the Cisco Software Center. For more information on ordering Cisco 3200 Wireless Mobile Interface cards, please visit the Cisco 3200 Ordering Guide:

http://www.cisco.com/en/US/prod/collateral/routers/ps272/prod_brochure0900aecd803fabbf.html

Table 2 lists the software part numbers for the 12.4(3)JK release.

Table 1. Ordering Information

Product Name	Part Number
Cisco 3201 2.4GHz Wireless Mobile Interface Card (WMIC) Software	S3201W7K9-12403JK
Cisco 3202 4.9GHz Wireless Mobile Interface Card (WMIC) Software	S3202W7K9-12403JK
Cisco 3205 5 GHz Wireless Mobile Interface Card (WMIC) Software	S3205W7K9-12403JK

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For More Information

For more information about the Cisco 3200 Rugged ISR, visit <http://www.cisco.com/go/3200> for Product Home Page/Data Sheet or contact your local account representative.



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