



END-OF-LIFE NOTICE, NO. 1000

CISCO UBR-MC16B LINE CARD END-OF-SALE

Cisco Systems[®] announces the End-of-Sale for the Cisco[®] uBR-MC16B line card and the Cisco uBR7223-MC16B bundle in an attempt to manage inventory for the remaining cards. The Cisco uBR-MC16B can be upgraded with the Cisco uBR-MC16C line card.

In order to support the Cisco uBR-MC16C line card, the Cisco uBR7246 and the Cisco uBR7223 installed-base customers must be running Cisco IOS[®] Software Versions 11.3(9)NA1, 12.0(4)XI, or 12.0(5)T1 and later. However, the Cisco uBR-MC16B will continue to be supported by the Cisco IOS Software versions that are supported on these routers. The Cisco uBR-MC16C line card offers the same functionality as the Cisco uBR-MC16B cable modem card with two exceptions. First, the Cisco uBR-MC16C line card delivers +42 dBmV IF output power to the Intermediate Frequency (IF)-to-Radio Frequency (RF) upconverter at the Community Antenna Television (CATV) headend. This power rating is 10 dB greater than previously released Cisco uBR-MC11 and Cisco uBR-MC16B line cards, which deliver +32 dBmV output power. To keep the IF-to-RF upconversion operational, use the optional 10-dB attenuator with your Cisco uBR-MC16C line card. Second, whereas the Cisco uBR-MC16B card excludes support of 256 quadrature amplitude modulation (QAM) downstream and 16 QAM upstream support at two of the five Data-Over-Cable Service Interface Specifications (DOCSIS) upstream symbol rates (2560K and 160K), the Cisco uBR-MC16C card supports the following defaults: 256 QAM at 40 Mbps downstream and 16 QAM at 5 Mbps upstream. The card supports upstream channel widths of 200 kHz, 400 kHz, 800 kHz, 1.6 MHz, and 3.2 MHz.

End-of-Sale is defined as the time when a product is no longer available for new purchases. It does not apply to the service and support programs for those products. Cisco will continue to support the Cisco uBR-MC16B after End-of-Sale through its SMARTnet[®] and Comprehensive Maintenance programs. Customers with either of these service contracts are entitled to free software updates through all maintenance releases of Cisco IOS Software Versions 11.3NA, 12.0XI, 12.0T, and 12.0SC; 24-hour phone support through the Technical Assistance Center (TAC); and advanced replacement hardware for repairs. Comprehensive Maintenance customers also receive onsite service. Customers who do not have a maintenance contract can purchase software updates and hardware repair services from Cisco to meet specific requirements rather than full service coverage. Cisco is committed to supporting the Cisco uBR-MC16B line card for a period of three years after the respective End-of-Sale date.

In June 1999, Cisco announced the MC16C Upgrade Program wherein Cisco customers who purchased Cisco uBR-MC16B cards prior to May 31, 1999, could trade up to Cisco uBR-MC16C cards. The cost of this upgrade was US\$3500, calculated as the list price difference between the Cisco uBR-MC16B card (\$26,750) and the Cisco uBR-MC16C card (\$30,250). After May 31, the price of the Cisco uBR-MC16B card was lowered, and therefore, Cisco uBR-MC16B cards purchased after May 31 could not participate in this upgrade program.

If you have any questions, please contact your customer service representative.

**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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