



END-OF-LIFE NOTICE, NO. 2600

END-OF-SALE AND END-OF-LIFE ANNOUNCEMENT FOR THE CISCO uBR10012 LCP2 LINE CARD PROCESSOR AND ALL ASSEMBLIES

Cisco Systems® announces the end-of-sale and end-of-life dates for the Cisco® uBR10012 LCP2 Line Card Processor and Universal Broadband Router (uBR) cable line card assemblies for the Cisco uBR10012 Universal Broadband Router. The last day to order the Cisco uBR10-LCP2 Line Card Processor and all uBR line card assemblies is March 31, 2005. Customers with active service contracts will continue to receive support from the Cisco Technical Assistance Center (TAC) until March 31, 2010. Table 1 describes the end-of-life milestones, definitions, and dates for the Cisco uBR10-LCP2 Line Card Processor and assemblies. Table 2 lists the product part numbers affected by this announcement.

Customers are encouraged to migrate to the Cisco 5x20U Broadband Processing Engine (BPE), which features 5 downstream modulators, 5 upconverters, and 20 upstream burst receivers on a single line card that embeds the most advanced RF capabilities. This Cisco BPE features a highly integrated and robust RF front-end and the industry’s most advanced processing engine for DOCSIS® networks supporting 6 MHz operations, 8 MHz Euro-DOCSIS operations, or extended frequency range support for DOCSIS operations in Japan (J-DOCSIS). Information about the replacement product can be found at

http://www.cisco.com/en/US/products/hw/modules/ps4969/prod_module_series_home.html. Table 3 provides relevant information for migrating from the Cisco uBR10-LCP2 Line Card Processor and assemblies to the Cisco 5x20U Broadband Processing Engine.

Table 1. End-of-Life Milestones and Dates for the Cisco uBR10-LCP2 Line Card Processor and Assemblies

Milestone	Definition	Date
End-of-life announcement date	The date the document that announces the end of sale and end of life of a product is distributed to the general public.	September 30, 2004
End-of-sale date	The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale after this date.	March 31, 2005
Last shipment date	The last-possible ship date that can be requested of Cisco and/or its contract manufacturers. Actual ship date is dependent on lead time.	June 31, 2005
End of software maintenance releases date	The last date that Cisco Engineering may release any final software maintenance releases or bug fixes. After this date, Cisco Engineering will no longer develop, repair, maintain, or test the product software.	March 31, 2006
End of routine failure analysis date	The last-possible date a routine failure analysis may be performed to determine the cause of product failure or defect.	March 31, 2006
End of new service attachment date	For equipment and software that is not covered by a service-and-support contract, this is the last date to order a new service-and-support contract or add the equipment and/or software to an existing service-and-support contract.	March 31, 2006
End of service contract renewal date	The last date to extend or renew a service contract for the product. The extension or renewal period cannot extend beyond the last date of support.	December 31, 2009
Last date of support	The last date to receive service and support for the product. After this date, all support services for the product are unavailable, and the product becomes obsolete.	March 31, 2010

Table 2. Product Part Numbers Affected by This Announcement

End-of-Sale Product Part Number	Product Description
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UBR10-LCP2	Line card adapter that provides the mechanical and electrical conversions needed for earlier uBR cable line cards to fit the Cisco uBR10012 form factor
UBR10-LCP2=	Spare line card adapter
UBR10-LCP2-MC16C	Combination of the line card adapter and DOCSIS cable line card that supports 1 downstream and 6 upstreams
UBR10-LCP2-MC16C=	Spare combination of the line card adapter and DOCSIS cable line card that supports 1 downstream and 6 upstreams
UBR10-LCP2-MC16S	Combination of the line card adapter and DOCSIS cable line card that supports 1 downstream and 6 upstreams, and includes a daughter card that provides hardware-based spectrum management
UBR10-LCP2-MC16S=	Spare combination of the line card adapter and DOCSIS cable line card that supports 1 downstream and 6 upstreams, and includes a daughter card that provides hardware-based spectrum management
UBR10-LCP2-MC16E	Combination of the line card adapter and Euro-DOCSIS cable line card that supports 1 downstream and 6 upstreams
UBR10-LCP2-MC16E=	Spare combination of the line card adapter and Euro-DOCSIS cable line card that supports 1 downstream and 6 upstreams
UBR10-LCP2-MC28C	Combination of the line card adapter and DOCSIS cable line card that supports 2 downstreams and 8 upstreams
UBR10-LCP2-MC28C=	Spare combination of the line card adapter and DOCSIS cable line card that supports 2 downstreams and 8 upstreams

PRODUCT MIGRATION OPTIONS

The recommended replacement for the Cisco uBR10-LCP2 Line Card Processor and all line card assemblies is the Cisco 5x20U Broadband Processing Engine (Table 3). The Cisco 5x20U not only combines the functionality of the LCP2 and cable line card assemblies, but offers the cable industry's highest port density, most advanced RF feature set, and greatest versatility, supporting DOCSIS, Euro-DOCSIS, and J-DOCSIS on a single line card.

Table 3. Product Comparisons

Feature	Cisco End-of-Life Product	Cisco 5x20U Broadband Process Engine
Conversion to fit in Cisco uBR10012 chassis	uBR10-LCP2 Line Card Processor	Cisco 5x20U eliminates need for an adapter
DOCSIS cable interface	MC16C, MC16S, and MC28C line card assemblies for Cisco uBR10012	Yes
Euro-DOCSIS cable interface	MC16E line card assembly for Cisco uBR10012	Yes
J-DOCSIS cable interface	No	Yes
DOCSIS 2.0 ATDMA support	No	Yes
Dedicated MAC layer hardware	No	Yes
Integrated upconverter and industry's most advanced RF management	No	Yes



Customers can use the Cisco Technology Migration Plan (TMP) to trade in products and receive credit toward the purchase of new Cisco equipment. For more information about Cisco TMP, go to: <http://www.cisco.com/go/tradein/>. The Cisco TMP application requires all users to have a Cisco.com user ID.

FOR MORE INFORMATION

For more information about the Cisco uBR10-LCP2 Line Card Processor and assemblies, visit http://www.cisco.com/en/US/products/hw/cable/ps2209/prod_module_installation_guides_list.html or contact your local account representative.

For more information about the Cisco End-of-Life Policy, go to: http://www.cisco.com/en/US/products/prod_end_of_life.html

To subscribe to receive end-of-life/end-of-sale information, go to: <http://www.cisco.com/cgi-bin/Support/FieldNoticeTool/field-notice>

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