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	◆ Port Adapter Cards	Telco Return
	<p>The following port adapters are newly supported by Cisco IOS Release 12.1(2) EC1:</p> <ul style="list-style-type: none"> • PA-4E1G-120 • PA-E3 • PA-MC-4T1 • PA-MC-8T1 • PA-A3-T3 • PA-A3-E3 • PA-4T+ • PA-8T-V35 • PA-8T-X21 	<ul style="list-style-type: none"> •ubr7200-ik1st-mz -DOCSIS IP Plus Telco Return with BPI
	<p>New Software Features in Release 12.1(2) EC1</p> <ul style="list-style-type: none"> • Command 'max-cpe' Configuration File Entry Override • Configurable Alternate TSI Messages • DOCSIS Ethernet MIB Objects Support (RFC 2665) • DOCSIS OSSI Objects Support (RFC 2233) • Dynamic Map-Advance • Dynamic Mobile Hosts • Dynamic Ranging Support • Enhanced Per Modem Error Counter • Internal Modem Configuration File Editor • MPLS VPN Support for Subinterfaces and Interface Bundles • Multicast BPI MIB Support • LinkUp/Down Traps Support (RFC2233) • SNMP Cable Modem Remote Query • SNMP Objects for Clear Host, Clear Cable Modem, and Show Current CPEs 	
	<p>Support Pages</p>	<p>For more information, consult the following web pages:</p> <p>Release Documentation</p> <ul style="list-style-type: none"> • Product Bulletin No.1136 Cisco IOS Software Release 12.1EC Introduction • Release Notes for Cisco uBR7200 Series

	<ul style="list-style-type: none"> • Cisco IOS Release 12.1 EC <p>Parent Release Documentation</p> <ul style="list-style-type: none"> • Release Notes for Cisco uBR7200 Series for Cisco IOS Release 12.1 T <p>Other Links</p> <ul style="list-style-type: none"> • Cisco uBR7200 Series Software • Release Notes and Features • IOS Release Notes • IOS Product Bulletins • Cisco IOS Field Notices • Cisco IOS Reference Guide • Cisco IOS Software Roadmap 						
Target Market	<p>Cisco Systems, Inc. released Cisco IOS Software Release 12.1EC as an ED release for the Cisco uBR7200 Series Market. Cisco recommends the use of 12.1EC software for Cable Operator and Broadband Service Providers who want to maximize support for the latest functionality within the DOCSIS and IOS features. Also new hardware support can be found in 12.1 EC software releases.</p>						
Lifecycle of Release	<p>Cisco IOS Reference Guide</p> <table border="1" data-bbox="486 1249 1533 1577"> <thead> <tr> <th data-bbox="486 1249 1197 1329">Milestones</th> <th data-bbox="1197 1249 1364 1329">Y2K Compliance</th> <th data-bbox="1364 1249 1533 1329">Release Designation</th> </tr> </thead> <tbody> <tr> <td data-bbox="486 1329 1197 1577"> CCO FCS: July 26, 2000 See Projected Release Dates for Cisco IOS Software Product Bulletin for later maintenance release dates. MFG FCS: July 31, 2000 EOS: Forecast – May 2001 </td> <td data-bbox="1197 1329 1364 1577" style="text-align: center;"> Yes </td> <td data-bbox="1364 1329 1533 1577" style="text-align: center;"> ED Release </td> </tr> </tbody> </table>	Milestones	Y2K Compliance	Release Designation	CCO FCS: July 26, 2000 See Projected Release Dates for Cisco IOS Software Product Bulletin for later maintenance release dates. MFG FCS: July 31, 2000 EOS: Forecast – May 2001	Yes	ED Release
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Maintenance Releases	<p>CCO registered customers can view the Projected Release Dates for Cisco IOS Software Product Bulletin</p> <p>It is highly recommended that Release Notes are used to determine if a maintenance release should be used. Release Notes provide announcements of new features and a summary of known caveats at the time of the renumber.</p> <table border="1" data-bbox="486 1839 1533 1990"> <thead> <tr> <th data-bbox="486 1839 989 1919">Maintenance Cycle:</th> <th data-bbox="989 1839 1369 1919">Defects Resolved</th> <th data-bbox="1369 1839 1533 1919">Download Image</th> </tr> </thead> <tbody> <tr> <td data-bbox="486 1919 989 1990"> Maintenance releases every eight weeks, one week after parent (12.1E) </td> <td data-bbox="989 1919 1369 1990"> Each interim build fix will be in the next maintenance </td> <td data-bbox="1369 1919 1533 1990"> CCO IOS Upgrade </td> </tr> </tbody> </table>	Maintenance Cycle:	Defects Resolved	Download Image	Maintenance releases every eight weeks, one week after parent (12.1E)	Each interim build fix will be in the next maintenance	CCO IOS Upgrade
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	maintenance release <ul style="list-style-type: none">• Projected Release Dates for Cisco IOS	release.	Planner
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