

Refurbished CISCO ESR-PRE2 Datasheet

CISCO > INTERFACES-MODULES

Cisco Route Processors and Route Switch Processors

Features and Benefits of Cisco PRE-2

Features	Benefits
Up to 6.2 mpps of processing capability	This processing capability delivers line-rate performance, with a wide variety of features enabled. Customers providing DOCSIS-based high-speed data, PacketCable voice over IP (VoIP), DOCSIS Set-Top Gateway (DSG) video transport, and other leading-edge IP services require exceptional processing capability to support these new revenue-generating services.
Up to 6.4-Gbps full duplex per WAN and 3.2-Gbps full duplex per RF slot backplane support	This feature provides a balance packet flow between ingress and egress slot capacity, offering a total capacity of >24-Gbps full duplex.
Cisco PXF patented technology	Cisco PXF delivers increased performance and flexibility. Using Cisco PXF, the Cisco uBR10012 helps enable cable operators to turn on multiple services without experiencing performance degradation-crucial when operators deploy new types of services. Cisco PXF is a software-based technology that helps enable the Cisco uBR10012 to implement new services without upgrading hardware, thereby providing investment protection and saving customers time and money.
Processor redundancy	Processor redundancy helps enable 99.999-percent network uptime, particularly important when supporting primary line voice services. Each Cisco uBR10012 chassis supports up to 2 Cisco PRE-2 modules for redundancy. Architected to support 99.999-percent uptime and coupled with a superior set of high-availability features and functions, the Cisco uBR10012 is the industry's leading carrier-class CMTS.
500-MHz RISC processor handling route and SNMP processing	This feature offers co-processor (in addition to the 64 microcores in the Cisco PXF complex) capacity for managing thousands of routes and management requests.

Part Numbers for Cisco PRE-2

Description	Cisco Performance Routing Engine for the Cisco uBR10012 and Cisco 10000 Series, 1-GB DRAM and 64-MB Flash memory
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The next steps...

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