

# Cisco 7200 Series Routers

## 48-MB, 64-MB, and 128-MB Flash Disk

### Product Overview

The Cisco 7200 Series routers now support 48-MB, 64-MB, and 128-MB Flash disks on the I/O Controller cards. Flash disks, an alternative to linear Flash memory, are Flash memory-based devices that can be used as file storage media in the PCMCIA card slots of the I/O Controllers. Each I/O Controller has two PCMCIA slots and can be configured with up to 256 MB of Flash disk memory.

### Features and Benefits

These large capacity Flash disks support large or multiple configuration files and Cisco IOS<sup>®</sup> Software images. Cisco IOS Software memory requirements are available on Cisco.com at:

<http://www.cisco.com/public/sw-center/>

Flash disks coexist with linear flash products, which preserves customers' investments in their existing Flash memory infrastructure. Flash disks are scalable by allowing customers to grow Flash requirements that are consistent with their network growth.

### Software Requirements

Flash Disk is only supported on systems with the Cisco IOS filesystem feature. In general, Flash Disk functionality requires Cisco IOS release 12.0 or a later release.

For the 7200 series with an I/O Controller card the minimum supported releases for the Flash Disk are: 12.0(3)T, 12.0(5)S, 12.1(1)E, 12.1(1)T, 12.1(1), 12.2(1), 12.2(4)B

For more detailed information on IOS Software support, use the Hardware-Software Compatibility Matrix located at:

<http://www.cisco.com/cgi-bin/front.x/Support/HWSWmatrix/hwswwmatrix.cgi>

### Platform Support

The 48-MB, 64-MB, and 128-MB Flash Disks are supported on the following I/O Controllers for the Cisco 7200 Series:

- C7200-I/O
- C7200-I/O-2FE/E
- C7200-I/O-GE+E

Flash Disk is supported as the primary boot media for NPE-225, NPE-300 (EOS), NPE-400, and NSE-1 based systems only. For NPE-200 and below systems, you should use the Flash Disk side-by-side with linear Flash memory. Although it is possible to boot from a Flash Disk, a bootable image must be maintained on a linear Flash memory card to ensure the router is bootable if the bootflash software image becomes unusable.



**Table 1** Flash Disk Support

Cisco 7200 Processor	Primary Boot Media	Storage	Statistics/ Accounting	Network Management Data
NPE-225, NPE-300, NPE-400, NSE-1	Y	Y	Y	Y
NPE-100, NPE-150, NPE-200	N	Y	Y	Y

Ordering Information

Product Number	Product Description
MEM-I/O-FLD48M	Cisco 7200 I/O PCMCIA Flash Disk, 48M (option)
MEM-I/O-FLD48M=	Cisco 7200 I/O PCMCIA Flash Disk, 48M (spare)
MEM-I/O-FLD64M	Cisco 7200 I/O PCMCIA Flash Disk, 64M (option)
MEM-I/O-FLD64M=	Cisco 7200 I/O PCMCIA Flash Disk, 64M (spare)
MEM-I/O-FLD128M	Cisco 7200 I/O PCMCIA Flash Disk, 128M (option)
MEM-I/O-FLD128M=	Cisco 7200 I/O PCMCIA Flash Disk, 128M (spare)



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