



Cisco Content Distribution Manager 4630

Product Numbers: CDM-4630

You have just purchased a Cisco Content Distribution Manager 4630 (CDM-4630) with Cisco CDN Software, Enterprise Solution installed.

Functional Overview

Cisco Content Distribution Managers are the content management elements of a larger, Cisco Content Delivery Network (CDN) solution, which includes content routing, content switching, content distribution and delivery, and content services, as well as content management.

The CDM-4630 is located at the logical central point of your network to give you complete control over your entire media distribution network. It operates in conjunction with Cisco Content Engines (located at your end-user sites) that receive and transmit streaming media to audiences over the local-area network (LAN).

The CDM-4630 uses a powerful, yet simple Web browser-based user interface that allows you to configure and monitor Cisco Content Engines anywhere in the world, import and preview any rich media—including TV-quality video—and generate media URLs for your internal and external Web sites. You can also set maximum bandwidth usage rates for distributing media to Cisco Content Engines over the wide-area network (WAN), as well as from Content Engines to end users over the LAN to ensure that you never congest the network.

Content Distribution Manager 4630 Description

The CDM-4630 is configured for AC-input power. The default factory configuration comes with one power supply installed.

The CDM-4630 has two 36-gigabyte (GB) Ultra2 SCSI system drives and one SCSI LVD port. In addition, the CDM-4630 has two 10BASE-T/100BASE-TX Ethernet/Fast Ethernet ports with RJ-45 receptacles. Port Ethernet 0 supports autodetect speed and full-duplex operation. The second port (Ethernet 1) is currently not supported.

Table 1 lists the storage, memory, and CPU specifications for the CDM-4630.



Table 1 Storage, Memory, and CPU Specifications

Specification	Description
Hard disk storage	2 36-GB Ultra2 LVD SCSI hard drives
Memory	16-MB Flash memory 256-MB SDRAM
CPU	600-MHz Pentium III
Ethernet controller	Intel 82559

Hardware and Software Features

The CDM-4630 has the following major hardware features:

- One 600-MHz Pentium III microprocessor
- Two 36-gigabyte (GB) SCSI hard disk drives with 30 GB of usable media storage

The CDM-4630 manages up to 100 Content Engines and has the following software features:

- Device manager with remote software update capability
- Channel manager licensed for 100 channels
- Bandwidth manager
- Media importer with Web page creation capability
- Media previewer with test streaming capability
- Media replication engine with Self-Organizing Distributed Architecture (SODA) router
- Replica router for Content Engine selection