

CD SERVER

Read/Write CDs across a network

The ARCSTOR CD SERVER is a high performance CD ROM sharing and archive solution for making available CD ROM images to networked users. The system creates virtual CD ROM drives on a dedicated hard drive cache. This allows multiple users concurrent access to the information and at faster speeds, than a traditional CD ROM Tower or Jukebox solutions.

The Virtual CD ROMs become fully browsable network shares. Each individual CD can be represented as a single drive letter, or alternatively several CD's can be grouped together under one drive letter where each CD becomes a sub directory, effectively eliminating any drive-letter limitation of the operating system.

CD SERVER supports security for all CD ROM shares, Users may be granted or denied access to applications based on their login ID or group.

New CD ROM's may be automatically shared when inserted or held until the administrator is ready to share them. Previously shared CD's are remembered and may be shared again automatically. Sub-directories in volume-grouped shares are auto named as new CDs are inserted.

The SERVER software also includes a CD Browse facility that allows users to view CD's and CD directories using a Web browser. This feature works over the internet or any TCP/IP based intranet and is compatible with most popular Internet browsers such as Netscape Navigator and Microsoft Explorer.

The system is very easy to install, in fact all that is involved is allocating an IP address, to the server. Connecting it to the network via the built in RJ45 connections and you are up and away.

The system is totally administered via a web browser, the system operates independently of any existing server, and thus imposes no additional processing load on existing server.

The system comes as standard with support for 150 CD ROM images but may be scaled up to 2500 rom images.

In addition fault tolerant features such RAID ,and redundant power supplies and hot swap disk drives are available as optional extras.

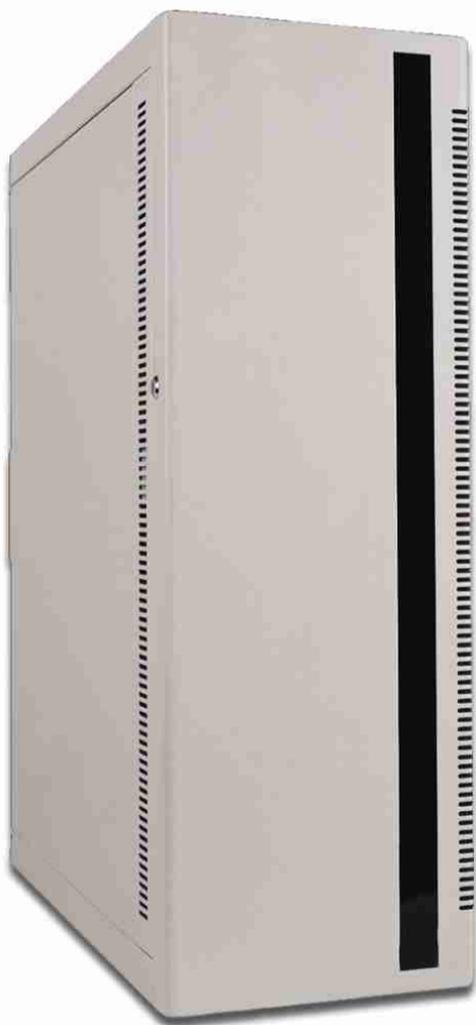
CD-R support

One of the unique features of the ARC STOR CD Server is its ability to allow users to write CD's across a network. To use the CD write capability of the CD Server is simplicity itself, all the user has to do is drag and drop the files he wants written to a specific volume on the server, and confirm that he wants to write the CD and the system takes care of the rest. No CD writing software is required to be installed on the workstations, in fact no software of any type needs to be installed. After the user has written the CD he can elect to publish it, ie share it with other users on the network. The system comes with 1 CD Writer as standard, this can be increased to 8. This would allow 8 individual workstations to write 8 CD's concurrently or 1 workstation to run 8 cd writing sessions concurrently. If the Server is busy writing a session and another workstation requests a write session, the session is automatically queued, it is just like using printer, in fact a CD printer option is also available which allows the user to print a label for the CD he has written. The systems also maintains a catalog of all CD writing sessions, which can be queried via the web browser. The catalog information informs the user on all current active jobs and those that have completed. After a CD session has completed the CD image may be deleted from the server or retained for other sessions.



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Technical Specifications Read & Write



File Systems and Protocols

NetWare: NCP over IPX
Windows, OS/2: SMB over NetBIOS,
DHCP and TCP/IP

UNIX: NFS over UDP/IP, TCP,
BOOTP, and FTP.

WWW: HTTP over TCP/IP

Macintosh: AFP over Ethertalk

Web-based Installation

All platforms require a
web browser to configure

NetWare: Shows up as a NetWare
file server. Mount with NetWare tools.
All CD™s can be mounted under one
drive letter.

Windows: Shows up as an NT server.
Mount in Explorer or File Manager.
All CD™s can be mounted under
one drive letter.

UNIX: Set IP address via BOOTP.
Use standard mount.

WWW: Set IP address via BOOTP or
use IE 4.0 on local segment to assign an
IP. Refer to IP number in browser.

Macintosh: Under Chooser,
Appleshare can see CD Server as if it
were another Mac machine.

Software Updates

Flash memory allows software updates
via the network using FTP over TCP/IP
or Web browser.

Security

Password and user level
security supported

NetWare: Encrypted passwords,
authorization via the file server,
including NDS.

Windows, OS/2: Password authoriza-
tion via WinNT.

UNIX: NFS version 2.

Macintosh: password & user level

Network Attachment

Ethernet: 10/100BT(twisted pair)

Power Supplies

- * 1 x 400 watt, load sharing
- * Universal - Auto sensing
- * Input voltage 110-220VAC,
50/60Hz

Physical Dimensions

- * Width 210mm
- * Depth 450mm
- * Length 630mm

System Weight

- * 45kg Maximum with drives

Environmental Specifications

- * Temperature:
Fahrenheit 32-104
Centigrade 0-40
- * Humidity
10% - 80%

Electromagnetic Emissions

- * Class B FCC

Regulatory Approvals

- * CE, CUL

Warranty

- * 1 Year RTB Standard.
- * Options:
1 Year Onsite
3 Year Onsite



Dealer Info:

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