

VIRTUAL DVD SERVER BASIC SPECIFICATIONS

Features



The Virtual DVD Server provides the flexibility you need for sharing data and CD-based information. Using the Virtual DVD Server for data storage is a pleasant experience, just like using a quality file server. Connect the Virtual DVD Server to your hub using the supplied ethernet RJ-45 patch cord, power it up, use the convenient front panel display to set the IP address and the unit is ready for use. It provides you with full-function file management, such as file opening, duplicating and backup. Use the optional FISC RC RAID companion for RAID 1 redundancy.

Using the Virtual DVD Server Basic as a CD-Server will spoil you for any other method of CD storage and access. It accepts almost any format: musicCD, CDR, VCD, and DVDs up to up to 8 GB. Pop the drawer, place the disc on the tray, and close the drawer. The disc is immediately accessible while it is copied to hard disk. The copying process takes about 3 minutes for a full CD. Then the disc automatically ejects; no commands are necessary. CD data streams from the hard drive at breakneck speed, enough to support 20 simultaneous video feeds. The Virtual DVD Server Basic dispenses data about as quickly as a 100-base-t network can absorb it: 7 Megabytes per second in real-world tests.

The Virtual DVD Server Basic is broadly compatible. It is compatible with Microsoft's Windows 95/98/NT/Millennium/2000. It is compatible with Apple's MacOS 7.x, 8.x. It is compatible with Unix and Web browsers Internet Explorer 4.x and Netscape 4.x. It works under NetBEUI, NetBIOS over TCP/IP, AppleTalk, and NFS. Security is via share level or user level, up to 512 group identities.

The Virtual DVD Server Basic consists of an Allion FISC CDH CPU with 32 MB RAM, a Toshiba 12X/40X DVD/CD load drive, and a 40 GB ATA hard drive, all integrated, tested, and documented by Academy Computer Services, Inc.. Cables and instructions are included, along with our unlimited 800 line support with purchase.

The unit is housed in a heavy duty galvanized steel enclosure with two cooling fans and a 250 Watt power supply. The bottom two bays are available for expansion.

If your needs exceed 60 CDs, we have higher capacity models.

Specifications

Drives

| | Hard Drives | DVD/CD Drive |
|------------------|------------------------|---|
| Model | Maxtor 40GB | DVD/CD 12X/40X |
| Interface | EIDE | EIDE |
| Compatibility | ATA/4 | DVD-5, MPC-3, CD-R compatible |
| Access Time | 8 ms. Average | 135 ms. average |
| Transfer Rate | 19.9 MB/sec. sustained | 6 MB/sec. sustained, CD Mode |
| Buffer memory | 2 Mbytes | 256 Kbytes |
| Rotational Speed | 7,200 RPM | 6,000 maximum RPM, partial CAV, 12X DVD, 40X CD |

Central Processing Unit

| | |
|-----------------|--|
| Processor | Cyrix 300 MHz Pentium Class Processor |
| RAM | 32 MB |
| Software | FISC CD |
| Drive Interface | Four EIDE connectors for 8 Devices Max |
| Network | 10/100-base-t interface |

Networking

| | |
|---------------|--|
| Compatibility | Windows NT Server, Unix, Macintosh, fully Multimedia capable, including Mpeg Video |
| Data Transfer | 10-100 Mbit/sec. |
| Connectivity | Cat 5 10-base-t |
| Setup | Plug-and-play |
| Software | FISC supports 1600 concurrent users |
| Updates | Web-based remote |

Enclosure

| | |
|-------------------------|---|
| Dimensions | 15½" L x 6½" W x 11" H |
| Weight | 21 lbs. net, |
| Power Supply | 250W 110/220 switchable |
| Cooling Fans | Two 3" |
| Operating Temp. | 5° C to 50° C Non-condensing |
| Regulatory | UL, CSA Power Supply, FCC Class A integration |
| Warranty and Disclaimer | Specifications subject to change without notice. All trademarks the property of their respective companies. Warranty: One year parts and labor from date of purchase. This warranty is in lieu of all other express warranties which now or hereafter might otherwise arise with respect to this product, implied warranties, including those of merchantability, fitness for a particular purpose and non-infringement shall (A) have no greater duration than 1 year from the date of purchase (B) terminate automatically at the expiration of such period and (C) to the extent permitted by law be excluded. In the event this product becomes defective during the warranty period, the purchaser's exclusive remedy shall be repair. Incidental or consequential damages, including without limitation loss of data or inaccurate retrieval of data, arising from breach of any express or implied warranty are not the responsibility of Academy Computer Services, Inc. and, to the extent permitted by law, are hereby excluded both for property damage, and to the extent not unconscionable, for personal injury damage. |



290 Main St. Suite 4
Stoneham, MA 02180
781-279-4202
800-38-Logic
Fax: 781-279-4262
www.SchoolHardware.com