



WESTPOINT



I-7596 Compact Disk Archive for IBM Users

Highlights

Hardware Compatibility

IBM 3490 compatible
IBM 3995 compatible
Siemens 3590 compatible

Connectivity

ESCON Channel
Block Multiplex Channel
SCSI

Software Compatibility

OS/390, VM, VSE
OS/400
UNIX, AIX, Windows NT
Siemens BS2000

Applications

Workflow Processing
Information on Demand
Back-up
Imaging and Document Handling
Data Distribution
Data Exchange
Long Term Archiving
Computer Output on Laser Disk (COLT)

Media

CD with printable Surface
660 MB
DVD 2,6 or 5.2 GB

Archive

600 Compact Disks
12 Magazines, 50 CD/DVD each
390 GB per Archive with CD
3,100 GB with DVD
2 to 6 Drives
1 Ink Jet Color Printer

The I-7596 Compact Disk Archive for IBM mainframes and midrange systems is based on the well established CD/DVD technology. It provides IBM 3490 magnetic tape compatibility and supports OS/390, VM, VSE, OS/400 and Siemens BS2000. The Optical Disk Archive is a comprehensive, cost effective way for data distribution, document handling, archiving and Computer Output on Laser Disk (COLD). With direct access capability to particular data files, access is faster than to magnetic tape.

Unbeatable Price / Performance Ratio

The CD/DVD Disk Archive provides an unsurpassed price/performance ratio for comprehensive, enterprise wide data management. Media costs are up to 10 times lower than magnetic tape media.

For fast processing CD/DVD data are cached on magnetic disk. Particular data files can be accessed directly and records within data sets can be located, eliminating time consuming tape move operations. Fast data access provides more productivity to online transaction processing, online document handling, data distribution, COLD applications, back up and restore operations.

CD/DVD Technology

The I-7596 utilizes the proven and reliable CD/DVD technology well established in the Open Systems market. The CD/DVD Library holds 600 Compact Disks with a total capacity of 390 GB for CD respective 3,1 TB for DVD. For easy handling, 50 disks are held in a single Magazine. A mail slot is available to insert or extract single disks. The library can be equipped with up to 6 drives in any mix of reader or recorder/reader. Average CD load time is 4 seconds. Read data rate

for read only drives is 4,8 MB/s. Recording data rate is 1,2 MB/s.

Label Printer on Board

When Compact Disks are initialized, the Volume Serial Number is automatically printed on the CD with the integrated Ink Jet Printer available as optional feature. This feature allows visual identification and makes manual offline handling easy.

IBM 3490 Compatibility

The I-7596 is IBM 3490E tape compatibility or IBM 3995 optical disk compatibility. With the ability to access data files at random and to locate blocks directly within a data file, access is significantly faster than with modern high capacity tape libraries. Fast access will improve data distributing, workflow processing, document handling archiving, back up and restore.

The I-7596 is supported by all Mainframes, including IBM S/390, AS/400, RS/6000, Siemens BS2000, UNISYS, BULL and compatible systems. Software support is provided by all operating systems, including OS/390, VM, VSE, OS/400, BS2000, GCOS8, AIX, UNIX and Windows NT. Also supported are all host based Tape Management Systems and ADSM.

IBM S/370 and IBM S/390 Connectivity

The I-7596 can be equipped with up to eight ESCON and/or Block Multiplex Channel interfaces, also known as OEMI- and FIPS 60 Channel. Channel data rates ranges from 4,5 MB/s on Block Multiplex Channel and 17 MB/s on ESCON Channel. Supported are also Siemens BS2000, BULL GCOS8, and UNISYS.

IBM AS/400 Connectivity

The I-7596 connects to AS/400 via the 2644 interface feature. Software support is provided by OS/400 operating system. Using optical storage can significantly improve back up and restore operations for AS/400 data base systems.

Open Systems and Multi Platform Connectivity

The I-7596 provides also connectivity to AIX, UNIX, Windows NT and LAN Server via SCSI. Fibre Channel support is under development. With all these connectivity features, the I-7596 is the only enterprise wide storage system for mainframes, midrange systems and open systems, providing a storage area network (SAN) to all computer platforms.

Fault Tolerant Control Unit

The I-7596 control unit is designed for availability, reliability, connectivity and throughput. Redundant power supply and uninterruptible power system (UPS) are available as optional features. The I-7596/TWIN version provides redundant data paths to all drives and also to robot control.

Specifications

Media

CD-R, CD-ROM:	0,6 GB
DVD RAM:	5,2 GB

Number of Drives

6 CD-R, CD-ROM or DVD-RAM

Number of Disks

600

Access Time

10 sec. average

Compatibility

IBM 3490
IBM 3995
Siemens 3590

Interfaces

IBM ESCON
IBM Block Multiplex Channel
Siemens Channel Type S
Siemens Channel Type 2
SCSI

Dimensions

H = 1641 cm
W = 777 cm
D = 807 cm

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