



WESTPOINT



I-6590/MP Channel Control Unit connects IBM 3570 Magstar/MP to IBM Mainframes

The I-6590/MP channel control unit provides connectivity for the IBM 3570 Magstar/PM multipurpose tape system to IBM S/370, S/390, Siemens BS2000, Bull and compatible mainframes. It supports the ESCON Channel, the Block Multiplex Channel and the Siemens Channel Type 2.

Magstar/MP: Designed for Reliability and Fast Retrieval

The IBM Magstar/MP is IBM's latest tape technology. The new linear tape cartridge with its self enclosed tape path eliminates time consuming tape loading and unloading. The new midpoint load design dramatically reduces random search times. Minutes of data retrieval on other tape devices may turn into seconds on Magstar/MP and significantly improve the overall performance for near online storage capability as well as for backup and restore operations. The Magstar/MP technology features high performance and a new level of reliability and data integrity for unattended tape handling. The Magstar/MP tape system comes with 1 or 2 drives and a 20-cartridge auto loader. With the advantage of the powerful LZ1 compression technology it maintains a sustained data rate of up to 6.6 MB/s and provides up to 15 GB data storage per cartridge. The 20-cartridge library supports one or two tape drives and provides up to 300 GB storage capacity for unattended tape processing.

IBM S/370, S/390 and Siemens BS2000 Connectivity

The Magstar/MP tape system is equipped with a SCSI interface, providing connecti-

ty to AS/400, RS/6000 and other SCSI attached systems. With means of Intercoms I-5590/MP tape control unit, the Magstar/MP connects also to mainframes of the series IBM S/370, S/390 Siemens BS2000, Bull and compatible systems. The I-6590/MP control unit is a Channel - to - SCSI Con-verter, supporting up to 8 Block Multiplex Channel interfaces or SNI Channel Type 2 interfaces.

The I-6590 control unit emulates an IBM 3490, IBM 3480 or a Siemens 3590 tape cartridge system and is supported by all popular operating systems, including OS/390, MVS, VM, VSE and Siemens BS2000.

Save by Sharing Resources

In addition to the Block Multiplex channel and the ESCON channel the I-6590/MP control unit also supports the original SCSI interface, allowing to share the tape drives with system IBM S/370, S/390, AS/400, RS/6000, UNIX systems, Network Server and PCs. This feature provides also a way for fast data exchange of large data bases between different system platforms: The S/390 writes data to a tape cartridge, which later can be read by an AS/400, RS/6000, a UNIX system or a network server.

Highlights

Connectivity

- ESCON Channel
- IBM Block Multiplex Channel
- Siemens Channel Type 2
- FIPS Channel
- SCSI 2 Fast and Wide

Number of Channel Interfaces

- 8 Channels of the same or different types

Number of Tape Drives

- 8 Tape Transports of the same or different tape formats

Supported Tape Formats

- IBM 3570 MP, 3590, 3490, 3480
- Open Reel 1600/6250 bpi

Supported Operating Systems

- OS/390, MVS, VM, VSE
- Siemens BS2000
- UNIX
- OS/2
- Windows 95
- Windows NT

Backward and Forward Compatibility

The I-6590/MP is the only tape control unit providing full backward compatibility to 36 and 18 track cartridges and to 1,600 and 6,250 bpi open reel tapes. It can be equipped with 3490/ 80 compatible tape transports and 3422 compatible open reel drives for full backward read/write compatibility. The I-6590/MP protects users large tape investments while migrating to the new Magstar/MP tape technology.

Forward compatibility is provided by supporting the IBM 3590 Magstar and the SNI 3591 drives. If new tape systems with better performance arrive, Intercom is committed to support it.

A Powerful Control Unit

Intercoms unique control unit connects to all IBM channels, to Siemens Channel Type 2 and to SCSI interfaces. A dynamic channel switch features access via up to 8 hosts of the same or different platforms. The control unit includes up to 8 cached storage directors maintaining high speed data transfers to up to 8 tape transports simultaneously. The multiple tape format feature supports virtually any tape format, including but not limited to Open Reel 1600 and 6250 bpi, 3480, 3490, 3570, 3590 and others.

Specifications

Number of Channel Interfaces

8 Block Multiplex or ESCON
or SCSI 2

Number of Devices

8 Tape Units

Supported Tape Formats

IBM 3570 MP, 3590,
IBM 3490, 3480, 3422
Siemens 3591, 3590, 3580, 3517

Supported Hosts

IBM S/370, S/390, 3090, 4300
AS/400, RS/6000
Siemens BS2000, RM 600
UNIX Systems, LAN Server, PC

Operating Environment

Temperature	16° to 32° C 60° to 90° F
Rel. Humidity	8% to 80%
Voltage	110/220 V, 50/60 Hz
Power	0.5 to 1,5 KW

Dimensions

Width	65 cm
Height	158 cm
Depth	92 cm

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