Performance is the Key.

The M2488 offers high-speed data access and rapid transfer rates in a compact, device-level tape drive. Fujitsu engineered this drive for optimal speed and efficiency when moving, storing or accessing large blocks of data. The M2488 utilizes a range of high-speed, high-performance technologies to optimize data movement across the entire computer system — from offline archives to online applications. The combination of faster data transfers, rapid search speeds, quick rewrinds, swift positioning, short load/unload cycles and effective buffering can virtually eliminate sluggish, peripheral-bound operations that can cripple system efficiency and productivity.
Easy Data Interchange

The M2488 employs ANSI-Standard media with compression algorithms based on IBM 3480/3490E technology, assuring the easiest, most secure data interchange across complex computing platforms. That means important corporate data will always be available when it’s needed, even when it’s moving across mainframes, UNIX workstations, servers, distributed computing nodes and an assortment of storage subsystems. And for systems already using 3480/3490E components, the M2488 is a perfect, low-cost, high-performance storage replacement solution.

18 Track Write: M2488E

The new M2488E/EA/EF tape drive reads and writes 36 track tapes and reads 18 track tapes in IBM compatible format. For maximum tape interchange flexibility, the new 18 track write feature allows writing tapes in an industry accepted 18 track format. This feature may be enabled from the operator panel or through a SCSI command by the initiator.

Superior Reliability

In the computing world, Fujitsu has long been recognized as a leader in quality and reliability. The M2488 clearly demonstrates this long-held commitment, as demonstrated by the drive’s industry-leading MTBF and full two-year warranty.

The Flexible Storage Solution

The M2488 is available in a variety of configurations to accommodate a range of customer options. Both desktop and rackmount models can be configured with the following features and functions:

Automated Cartridge Loader (ACL): provides the sequential or random processing of up to ten cartridges to support the unattended backup of a maximum of 24 GB of data. Flush-Mount Automated Cartridge Loader (FACL): supports sequential or random processing of seven cartridges (16.8 GB maximum). It has the advantage of an automatic cleaning function.

Interface Personality Module (IPM): this feature enables the M2488 to support a variety of SCSI interfaces that can be easily configured to address current and future requirements. Seismic Data Feature (SDF): this feature facilitates a Read-After-Write verification process of data written to tape. It is ideal for seismic and other applications where it is critical to ensure recorded data is not corrupted.

About Fujitsu Computer Products of America

Fujitsu Computer Products of America, Inc. is a wholly owned subsidiary of Fujitsu Limited, one of the world’s largest computer companies with $36 billion in worldwide revenue. Benefiting from Fujitsu Limited’s $3 billion annual investment in research and development, Fujitsu Computer Products provides innovative solutions for the U.S. marketplace. Current product offerings include high-performance hard disk drives, tape drives, magneto-optical drives, high-volume scanners, and printers.

Key Features

- Full IBM read compatibility (18-Track)
- Full IBM read/write compatibility (36-Track)
- Industry accepted 18 track write feature
- High level of data checking throughout
- Integrated power supply
- Downloadable firmware via cartridge, SCSI interface, or RS/232 interface (9-pin DB-9 connector)
- Seismic Data Feature (optional)

Drive Performance

- Load/Unload Time: 13 seconds (typical)
- Rewind Time: 3 seconds from EOF to BOT
- EOT Rewind Time: 55 seconds (typical) standard length tape
- Access Time: 65 ms
- Power-on Time: 40 seconds (nominal)
- Options: External: Automatic Cartridge Loader (ACL)

Drive Interface Options: SCSI-2, F&W (16 bit) Single-Ended

Noise Level: Less than 50 dB

Tape Speed: Nominal: 2.0 M/s (78.6 IPS)

Typical Compression Ratio: 3:1

Drive/ 3.0 MB/s (sustained - uncompressed)

Typical EOT Rewind Time: 4.0 M/s (157.2 IPS)

Recorded Capacity: 1.2 GB with 545 feet (Single) length tape and EDRC

Recording Capacity: 2.4 GB with 1100 feet (double) length tape and EDRC

Functional

Data Transfer Rate: Host: 20 MB/s (burst, synchronous mode, 16 bit)

Typical Compression Ratio: 3:1

Data Buffer Capacity: 2 MB (protected by CRC)

EOT Rewind Time: 100 seconds (typical) double length tape

Drive Interface Options: SCSI-2, F&W (16 bit) Single-Ended

External: Automatic Cartridge Loader (ACL)

Error Rates:

Read: one error block in 10

Write: one error block in 10

Reliability

Drive/ 3.0 MB/s (sustained - uncompressed)

Typical EOT Rewind Time: 4.0 M/s (157.2 IPS)

Typical Compression Ratio: 3:1

Data Buffer Capacity: 2 MB (protected by CRC)

EOT Rewind Time: 100 seconds (typical) double length tape

Drive Interface Options: SCSI-2, F&W (16 bit) Single-Ended

External: Automatic Cartridge Loader (ACL)

Error Rates:

Read: one error block in 10

Write: one error block in 10

Warranty: 2 years

Mean Time to Repair: Less than 30 minutes (MTTR)

Mean Time Between Failures: 30,000 hours (MTBF)

Environmental Life: 6,000 hours (50% duty cycle)

Moisture: 40% RH non-condensing

Operating Environments: 10 to 30°C, 20 to 80% RH

Storage Environments: 0 to 60°C, 20% to 80% RH

The M2488 includes a wide selection of models and options.