

PetaSite, Digital Mass Storage System

- Designed for the data storage system from 6.8 Tera Bytes to 3 Peta Bytes
- Accommodates the DIR-1000 Series tape drives and SD1 media
- Offers transfer rates from 64 MBytes/sec to 1 MBytes/sec and capacities up to 96 GBytes/cassette
- High reliability
- Optical elevator control
- PetaSite Controller Software (PSC) — allowing users to monitor system and drive utilization via a convenient graphical user interface
- Fully automated cassette input/output via a "mail box" style mechanism
- Bar Code Management
- Each PetaSite is a user-configurable system composed of four basic building blocks.



System components:

Basic Console (DMS-8800B)

Features: Control, robotics system, cassette input/output ports.
Data capacity: 0.6TBytes

Tape Drive Console (DMS-8800D)

Features: Cassette storage and drive space for 3 DIR-1000 Series tape drives.
Data capacity: 6.2TBytes

Cassette Console (DMS-8800C)

Features: Primary storage module capable of 120 SD1 cassettes
Data capacity: 9.8TBytes

Junction Console (DMS-8800J)

Features: Provides flexibility in system layout, robotics system and cassette input/output ports.
Data capacity: 0.6TBytes

Specifications of DMS-8800

Maximum data capacity 6.8 TBytes to 3.0 PBytes (uncompressed)
Access time Tape load: Average 60s
Tape transfer: Max 2m/sec
Cassette access Random or sequential
MCBF More than 500,000
MTTR 30 minutes
Power sources AC 100V, 120V, 220V, 240V. 50/60Hz

Specifications of DMS-8800B/8800D/8800C/8800J

| Console Module Name | Basic Console DMS-8800B | Tape Drive Console DMS-8800D | Cassette Console DMS-8800C | Junction Console DMS-8800J |
|-------------------------------|--|---|---|--|
| Function | Control, robotics system and cassette input/output | Tape drives and cassette storage | Primary cassette storage | Provides flexibility in system layout |
| Data Capacity | 0.6TBytes | 6.2TBytes | 9.8TBytes | 0.6TBytes |
| Interface | RS232C | — | — | — |
| No. of tape drives | — | 3 drives | — | — |
| Mass (Without tapes & drives) | Approx. 400kg (882 lbs) | Approx. 450kg (992 lbs) | Approx. 310kg (683 lbs) | Approx. 430kg (948 lbs) |
| Dimensions (W/H/D) | 1000 × 2,040 × 896 mm (39 3/8 × 80 3/8 × 35 3/8 inches) | 896 × 2,040 × 1,520 mm (35 3/8 × 80 3/8 × 59 7/8 inches) | 896 × 2,040 × 896 mm (35 3/8 × 80 3/8 × 35 3/8 inches) | 1000 × 2,040 × 896 mm (39 3/8 × 80 3/8 × 35 3/8 inches) |