

DTF-2 Tape Drive

•The GY-8240 Series is a DTF-2 format tape drive. •Two models are available – the GY-8240UWD featured with Ultra Wide Differential SCSI and the GY-8240FC with Fibre Channel. •High-capacity data storage – 200 GBytes native capacity and 518 GBytes ALDC compressed on one L-cassette. •Fastest-speed data recording at 24 MBytes/sec. •Fast data access with Sony Tele-File system. •Read compatibility with DTF-1 tape drive. •Powerful error correction capability – a very low bit error rate at $1 \times 10E-17$ or less. •Excellent reliability. •A clear migration path to even higher performance.

Supplied accessories: Operation manual (1)

Specifications

General

Power requirements: AC 100 to 240 V, 50/60 Hz
Power consumption: 100 V 2.6 A, 240 V 1.1 A
Operating temperature: 5 to 40°C (41 to 104°F)
Operating humidity: 20 to 80% (Non-condensing)
Mass: 23 kg (50.71 lb)
Dimensions: 315(W) x 220(H) x 486(D) mm
(12 1/2 x 8 3/4 x 19 1/8 inches)
(Excluding protruding parts)

Performance

Format: DTF-2 Digital Tape Format
Recording media: 1/2-inch metal particle tape
Storage capacity: Large size cassette –
200 GBytes (Formatted, uncompressed)
518 GBytes (Compression factor 2.59 to 1)
Small size cassette –
60 GBytes (Formatted, uncompressed)
155 GBytes (Compression factor 2.59 to 1)
Recording Format: DTF-2 Format
Data transfer rate: GY-8240UWD –
40 MBytes/s (Burst), 24 MBytes/s (Sustained)
GY-8240FC –
100 MBytes/s (Burst), 24 MBytes/s (Sustained)
Bit error rate: $1 \times 10E-17$ bit or less
Head life: Typically greater than 5,000 hours (100% duty cycle)
Drive reliability: MTBF 200,000 hours
Read or write & rewind 20,000 passes
(Note: One pass is one trace on the same part of the tape)
Search speed: 1.4 GBytes/sec
Interface: Ultra Wide Differential SCSI x (1)
(For GY-8240UWD)
Fibre Channel x (1) (For GY-8240FC)
Ethernet port x (1)
RS-232C port x (2)
Media: Advanced metal particle 1/2-inch DTF-2 tape cassette
L-cassette: GW2-200GL (200 GB)
S-cassette: GW2-60GS (60 GB)

