SONY®

GY-8240

GY-8240
Series

DTF™-2
Computer Tape Drives

The Sony GY-8240 series extends the family of Sony Digital Tape Format (DTF) computer tape drives by offering high performance data management capabilities through its unique combination of high-density storage (200 Gigabytes (GB) per cassette, native; 518GB per cassette, compressed) and extremely high transfer rate (24MB/sec sustained). There are two models offered differing only in interface. The GY-8240UWD features Ultra Wide Differential SCSI while the GY-8240FC incorporates native fibre channel connectivity.

Sony DTF-2 computer tape drives are highly suited for a wide range of computing platforms and applications. They are an ideal choice for a variety of applications including mission critical IT data center environments to high-end media rich graphics, video and film applications. Reliable and highly accessible enterprise data is managed through local and wide area networks, in both storage area network (SAN) and network attached storage (NAS) environments.

archive

speed

■ Ulta High-Speed
  Data Recording

■ High Capacity Data Storage

■ Read Compatibility with DTF-1

■ Powerful Error Correction

■ Excellent Reliability

capacity

DTF2

data SYSTEMS

Advanced Storage by Sony™

SONY®

capacity

speed

powerful

1-800-829-7669
www.sony.com/**datasystems**

FEATURES/BENEFITS

High Capacity Data Storage
The GY-8240 series tape drives provide uncompressed native capacity of 200GB per cassette and an average of 518GB with the built-in ALDC compression.

Ultra High-Speed Data Recording at 24MB/sec
Both the GY-8240UWD and GY-8240FC tape drives incorporate years of Sony's advanced magnetic recording technology, providing an extremely high sustained native data rate of 24MB/sec (86GB/hr).

Read Compatibility with DTF-1
GY-8240 series drives can read tapes recorded by a GY-2120 at its transfer rate of 24MB/sec, so users can now access their tape assets in half the time.

Powerful Error Correction
GY-8240 series maintains a very low bit error rate of 1x10E-17 or less.

Excellent Reliability
The GY-8240 series incorporates the following features: long-life amorphous read heads, automatic head cleaning system, precision tape transport system mounted on a rugged die-cast chassis, sophisticated self-diagnostics.

Faster Data Access with Sony Tele-File™ System
Sony's unique Tele-File system uses a non-contact type of flash memory in the form of a label attached to a cassette which holds data relating to both tape and system management. The GY-8240 series tape drive uses the data written onto the Tele-File memory to dramatically reduce load and unload times. The result is that the Tele-File system significantly reduces the time to access data stored in a GY-8240 series tape drive.

SPECIFICATIONS

GY-8240 Series Computer Tape Drives

Format	DTF-2 Digital Tape Format
Recording Media	1/2-inch metal particle tape

Storage Capacity	Large cassette
	    200GB (Formatted, uncompressed)
	    518GB (Compression factor 2.59 to 1)
	Small cassette
	    60GB (Formatted, uncompressed)
	    155GB (Compression factor 2.59 to 1)

Recording Format	DTF-2 Format
Data Transfer Rate	GY-8240UWD: 40MB/sec (Burst), 24MB/sec (Sustained) GY-8240FC: 100MB/sec (Burst), 24MB/sec (Sustained)
Bit Error Rate	1 x 10E-17 bit or less
Head Life	Typically greater than 5,000 hours (100% duty cycle)
Drive Reliability	MTBF 200,000 hours
Interface	Ultra Wide Differential SCSI (For GY-8240UWD) Fibre Channel (For GY-8240FC) [Optical/Multi-mode-fibre, Duplex SC connector, SCSI-over Fibre Channel Ethernet port, RS-232C port x (2)
Search Speed	1.4GB/sec
Buffer Memory	64MB
Interface	Fibre Channel or Ultra Wide Differential
Media	Advanced metal particle 1/2 inch DTF-2 tape cassette: L-Cassette: GW2-200GL (200GB) native Small-Cassette: GW2-60GS (60GB) native
Power Requirements	100 to 240 V AC, 50/60 Hz
Power Consumption	Less than 300 W
Current Consumption	2.0 to 0.8 A
Operating Temperature	5° to 40° C (41° to 104°F)
Operating Humidity	20 to 80% (Non-condensing)
Weight	38 lbs 9 oz
Dimensions (W x D x H)	12 1/2 x 8 3/4 x 19 1/8 inches (Excluding protruding parts)