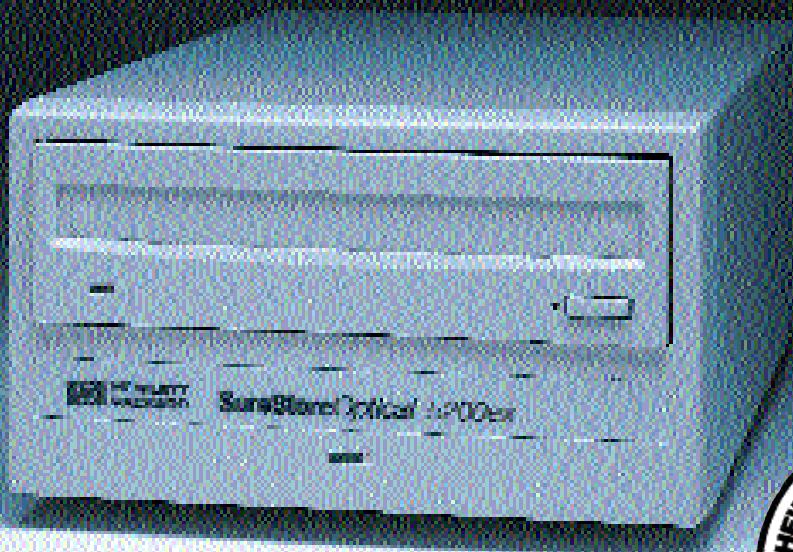


HP SureStore Optical 5200ex Multifunction Disk Drive



- *High-capacity 5.2 GB cartridges*
- *Multifunction (rewritable and write-once) formats**
- *Removable, reliable, industry-standard media*



Room for Everything

The HP SureStore Optical 5200ex disk drive is the perfect desktop accessory for today's storage-hungry environments, where virtually endless amounts of data must be stored simply, dependably, affordably, and reliably. Each 5.25-inch magneto-optical cartridge provides up to 5.2 GB of storage, or about 1,300,000 pages of text per cartridge.

Room to Grow

The HP 5200ex provides storage without limit. When one 5.2 GB cartridge fills up, just remove it and insert another. The drives support read/write functionality on 5.2 and 2.6 GB cartridges, and read-only functionality on 1.3 GB and 650 MB cartridges.

Room to Move

The HP 5200ex is flexible. It supports multifunction (rewritable and write-once) formats*, so you choose how to store your data. It installs in minutes and supports a variety of off-the-shelf software packages. Drivers for Windows 95®, Windows 98®, Windows® NT® 3.51 and NT® 4.0 and Macintosh® are included. And like all HP optical products, it meets ISO/IEC industry standards for reliable, failsafe data interchange.

* System/software dependent.

Technical Information

HP SureStore Optical 5200ex Multifunction Disk Drive

Design Characteristics

	5.2 GB Cartridges
Average Seek	25 ms
Short Seek (across 2.2 Mbytes)	6 ms
Average Latency	10 ms
Average Access Time	35 ms
Effective Access Time*	14.5 ms
Rotational Speed	3000 rpm
Data Transfer Rate (software/system dependent)	
Reads (max. sustained)	4.6 MB/s
Writes (max. sustained)	2.3 MB/s
Burst (synchronous)	10 MB/s
Burst (asynchronous)	3 MB/s
Read/Write Error Rate	<1 per 10 ¹⁴ bytes
Disk Load/Unload Time	
Load (w/spin-up)	5.5 s (avg)
Unload (w/spin-down)	3.0 s (avg)
Buffer Size	2 MB
Read Buffering	Read aheads
Write Buffering	Immediate reporting, write re-ordering

*Results of 1/3 stroke plus latency over 50 MB bandwidth.

HP 5.25-inch Magneto-Optical Cartridges

HP optical cartridges are engineered to meet and surpass the most stringent industry standards, resulting in the highest levels of data integrity. Your operating system and software determine the type of cartridges (rewritable/write once) that are supported in your HP system. Product numbers listed below are HP's 2048 bytes/sector and 1024 bytes/sector optical cartridges. HP jukeboxes support reads and writes on 5.2 GB and 2.6 GB cartridges, and read-only on 1.3 GB and 650 MB cartridges. All cartridges are ISO/IEC 15286-compliant.

	2048 Bytes/sector	1024 Bytes/sector
Formatted Capacity	5.2 GB (2.6/side)	4.8 GB (2.4/side)
Single rewritable cartridge	88147J	88143J
Eight-pack, rewritable cartridges	C6299J	C2589J
Single write-once cartridge	88146J	88145J
Eight-pack, write-once cartridges	C6298J	C2591J

Note: Failure to use HP-qualified media may void drive warranty.

Dimensions

Height	100 mm (3.9 in.)
Width	165 mm (6.5 in.)
Depth	280 mm (11.0 in.)
Weight (Net)	3.7 Kg (8.2 lbs.)
Weight (Shipping)	4.4 Kg (9.7 lbs.)

Product Certification

Safety	UL 1950, CSA 950, TUV IEC 950
Emissions	FCC Class "B", CISPR 22, Class "B"
Laser	CDRH, IEC 825

Environmental Specifications

Temperature	
Operating	10° to 40°C
*Non-Operating	-40° to 60°C
Gradient	10°C per hour
Humidity	
Operating	5% to 90% RH
Non-Operating (w/o media)	5% to 95% RH
Shock	
Operating	2 g, user transparent
Non-Operating	30 g trapezoidal
Vibration (5 to 500 Hz)	
Operating	0.3 g rms
Non-Operating (random)	2.4 g rms
Non-Operating (swept-sine)	1 g (0 to peak)
Acoustic Emissions	
	55 dB
Power Requirements	
Line Voltage	100 to 240 VAC
Line Frequency	50 to 60 Hz
Power Consumption	30 W typical 50 W maximum
Interface	
SCSI-2	Single-ended

Call Hewlett-Packard today:

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Germany	0180/5 32 62 22
UK	0990 474747

www.hp.com/go/optical

Data subject to change.

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