

SONY®



9.1 GB

SMO-F561/S561

5.25-inch Magneto Optical Disk Drive (9.1 GBytes Disk Capacity)

A significant leap in disk capacity made possible by Sony's advanced MO technology. With the high-speed random access, outstanding reliability and exceptional durability that MO drives are known for, the SMO-F561/S561 will meet the data storage and backup needs of users in a wide variety of fields, including telecommunications, finance, medical imaging, desktop publishing (DTP), and audio and video editing. It is also perfect for use with LAN and Web servers.



Storage by Sony

SMO-F561/S561

5.25-inch Magneto Optical Disk Drive
(9.1 GB Disk Capacity)

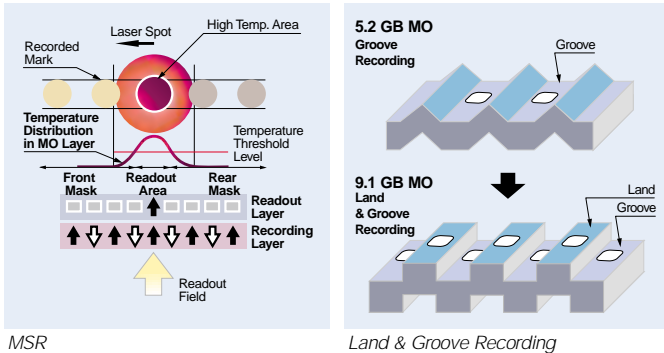
Gigabyte Communication

As a removable-storage device, Sony's fifth-generation 5.25-inch MO drive opens new possibilities.

Features

Large 9.1 GB Capacity Made Possible by New Technology

Using its "Magnetically-Induced Super Resolution (MSR)" and "Land and Groove Recording" advanced core technologies, Sony has achieved a high-density data recording system for large-capacity needs. New MO disks have 14 times the capacity of first-generation 650 MBytes MO disks.



MSR

Land & Groove Recording

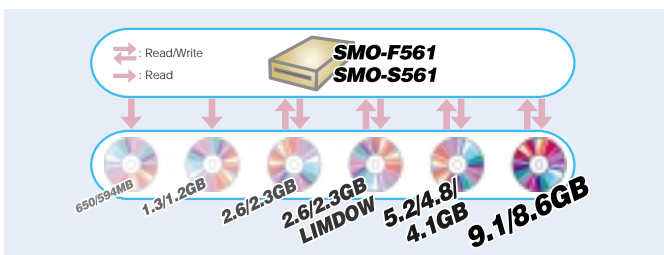
Fast 6.14 MBytes/sec. Data Transfer Rate

A high-performance RISC CPU and 8 Mbytes of cache memory, enhanced with Sony's proprietary "S-Cache" data algorithm, allow the SMO-F561/S561 to transfer data at up to 6.14 MBytes/sec. – sufficient for handling MPEG-2 video.

Excellent Reliability and Durability that only MO Drives offer

Compared to other removable media, MO storage media is very resistant to damaging elements such as grime, dust, temperature, and magnetic fields. Sony MO drives feature an MTBF of 300,000 POH, MSBF of more than 750,000 cycle.

*Estimates based on in-house test results.



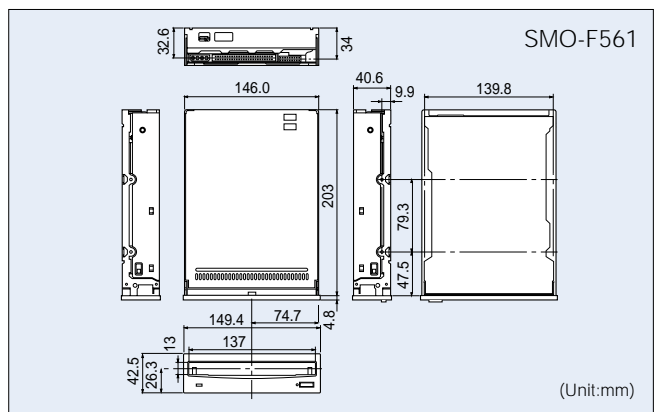
Assured Compatibility

Sony and S-Cache are trademarks of Sony Corporation.
Features and specifications are subject to change without notice.

Specifications

Host Interface	SCSI-2: ANSI x 3.131-1994	
Disk Format	5.25-inch (130 mm) Double-sided MO disk with cartridge.	
Disk Capacity	9.1 GBytes	8.6 GBytes
Sector Size	4,096 Bytes	2,048 Bytes
Data Transfer Rate	3.07 ~ 6.14 MBytes/sec	2.87 ~ 5.84 MBytes/sec
Bit Error Rate	Less than 10 ⁻¹²	
Average Latency	10.0 ms/9.1 ms/8.3 ms	
Rotational Speed	3,600 rpm/3,300 rpm/3,000 rpm	
Average Seek Time	25 msec	
Load/Eject Time	Load: 5.5 sec, Eject: 3.5 sec	
MTBF	300,000 Power On Hour	
MSBF	More than 750,000 Cycle	
Dimensions	SMO-F561: 40.6 (H) x 146.0 (W) x 203.0 (D) mm SMO-S561: 70.0 (H) x 211.0 (W) x 293.0 (D) mm	
Weight	SMO-F561: 1.4 kg SMO-S561: 4.9 kg	
SCSI Data Transfer Rate	20 MBytes/sec (ULTRA: sync.), 3 MBytes/sec (async.)	
Buffer Memory	8 MBytes (Write/Read Cache)	
Power Requirements	SMO-F561: DC+5 V, DC+12 V SMO-S561: AC 100-240 V	
Power Consumption	SMO-F561: DC+5 V: 0.9 A (typ), 2.0 A (Max) DC+12 V: 0.85 A (typ), 3.0 A (Max) SMO-S561: 0.6-0.35 A (AC 100-240 V)	
Optional Accessories		
MO Rewritable Disks	EDM-9100B: 9.1 GB/disk, 4,096 Bytes/sector EDM-8600B: 8.6 GB/disk, 2,048 Bytes/sect EM1-9100B: 9.1 GB/disk, 1,024 Bytes/sector EM5-9100B: 9.1 GB/disk, 512 Bytes/sector	
MO CCW Write Once Disks	CWO-9100B: 9.1 GB/disk, 4,096 Bytes/sector CWO-8600B: 8.6 GB/disk, 2,048 Bytes/sector	
Manual Disk Cleaning Kit	MOA-D51 *MOA-L55/2 lens cleaning cartridge should not be used.	

Dimensions



(Unit:mm)

For further information, please contact

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Sony Corporation

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