

SONY

Breakthrough In Data Storage

It's Huge at 23.3 GB, It's Fast at 9 MB/s



Rewritable Media
PDDRW23
Write once media PDDWO23
is also available.

Sony's Next Generation Disc Format and Drive for Professionals

The new blue laser optical storage device
from Sony.
Everything you ever wanted.
This is the way of the future.



Drive
BW-F101

◆
The world's most advanced optical storage,
a staggering capacity and blistering data transfer speed!

◆
Designed for higher reliability and durability

◆
New anti-dust structure of drive and media cartridge

◆
Strong roadmap to the third generation
◆

On sale from the late summer of 2003

Preliminary

Imaging, Archiving, Backup...

The perfect choice for data storage in the broadband network era.

This new blue laser disc system offers inherently fast random access, large data storage capacity, and rugged durability, making it ideal not only for data storage for high-end servers, but also for Web server, audio and video editing system, DTP and image library applications.



Unlimited fields of applications

Billing control in telecommunication company

Job information control for transportation facilities

E-mail and Web storage

Medical imaging information control

Document storage and control in banking facilities

Official document storage

Network and file server backup

Product control in video-editing, design, & multimedia production offices

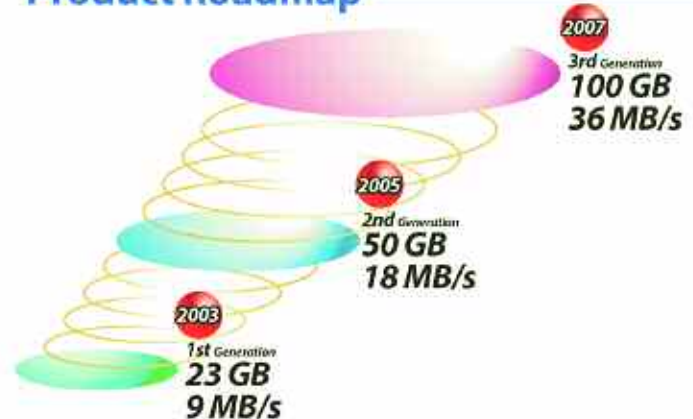
Features

- ◆ 23.3 GB capacity! Whether it's pictures and videos, or all your business data, now it fits on just a single disc.
- ◆ High-speed data transfer of 9 MB/s with ultra-wide 160 SCSI interface. Perform your data saving and search operations with unparalleled speed.
- ◆ The compact 5.25-inch form-factor allows simple integration, facilitating introduction into client systems.
- ◆ Robust dust-proof design maximizes reliability and durability. Both the disc drive and media itself are protected from dust for those mission-critical applications.
- ◆ Great cost performance media.

Specifications

Disc type	Rewritable, Write Once	Load/Eject time	6.0 sec/3.5 sec
Capacity	23.3 GB	MSBF	300,000 SWAP
Disc sector size	2,048 Bytes (512 Bytes emulation)	MTBF	50,000 POH (90% Reliability), 100,000 POH (60% Reliability)
Host interface	SCSI LVD Wide	Power supply	5 V±5%, 12 V±5%
Data transfer rate	Sustained read 11 MB/s (CLV), 4.5 MB-11.0 MB (CAV)	Power consumption	12 W
	Sustained write 9.0 MB/s (CLV)	Current	5 V / 12V, 0.60 A / 0.75 A
	Burst 160 MB/s (Synchronous)	Weight	1.2 kg
Seek time	CLV 280 msec (1/3 stroke), 680 msec (full stroke)	Dimensions	146.0 (W) x 41.3 (H) x 203.0 (D) mm
	CAV 80 msec (1/3 stroke), 120 msec (full stroke)	Operation mount	Horizontal/Vertical

Product Roadmap



For further information, contact us...

Features, specifications and other information are subject to change without notice.

◆ Drive **Sony Corporation**
Micro Systems Network Company
ED Marketing Group
Gate City Osaka East Tower
1-11-1 Osaki, Shinagawa-ku, Tokyo, 141-0032, Japan
Tel: +81-3-5435-3489 Fax: +81-3-5435-3565

Sony Electronics Inc.
Semiconductor & Electronic Devices Division
3300 Zanker Road, San Jose, CA 95134, USA
Tel: 1-408-955-5245 Fax: 1-408-955-5169

Sony Business Europe
Semiconductor & Electronic Solutions
The Heights Brooklands, Weybridge
Surrey KT13 0XW, United Kingdom
Tel: +44-1932-81-7323 Fax: +44-1932-81-7324

◆ Media **Sony Corporation**
Micro Systems Network Company
Recording Media Company
1-11-1 Osaki, Shinagawa-ku, Tokyo, 141-0032, Japan
Tel: +81-3-5435-3300 Fax: +81-3-5435-3316

Sony Electronics Inc.
Media & Applications Solutions
Core Technology Solutions Company
1 Sony Dr. Park Ridge, NJ 07656, USA
Tel: 1-800-942-7669

Sony Business Europe
Recording Media and Energy
20-26 rue Morel
92 586 CLICHY Cedex, France
Tel: +33-1-55-90-30-00 Fax: +33-1-47-37-07-54