
Disk Drive Installation

For information on how to install your disk drive, refer to your system or drive enclosure documentation.

See "Sun Documentation on the Web" on the back page if you need to order any documentation.

Drive Specifications

Power Requirements

Activity	+5 VDC ($\pm 5\%$)	+12 VDC ($\pm 7\%$)
Motor start (12 seconds)	1.05A	2.5 A
Max. Operating / Random IOs	1.3 A	1.6 A
Idle	0.76 A	1.0 A

Physical Characteristics

Height	Width	Depth	Weight
1.0 in	4 in	5.75 in	1.3 lb
25.4 mm	101.6 mm	146 mm	0.6 kg

Performance

Capacity, formatted	36,420,074,496 bytes minimum 71,132,958 blocks (512 bytes per sector)
Seek times (read/write)	
Single track seek	0.8 msec / 1.1 msec
Average seek	6.0 msec / 7.0 msec
Maximum seek	12.0 msec / 13.0 msec
Rotational latency	
Average	2.99 msec (10K rpm)
HDA data transfer rate	
Disk to read buffer	26.7 Mbytes per sec.
Interface transfer rate	narrow / wide / ultra
Synchronous	10 to 40Mbytes per sec
Asynchronous	5 to 20Mbytes per sec
Start/stop	
Power up to ready	30 sec typical
Spin down	30 sec

Sun Documentation on the Web

This and other Sun disk drive specifications can be found at:

http://www.sun.com/products-n-solutions/hardware/docs/Network_Storage_Solutions/Drives/index.html

You can also view, print, and purchase a broad selection of Sun documentation, including localized versions, at:

<http://www.sun.com/documentation>

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36.4 Gbyte 10K rpm, 1-Inch Disk Drive Specifications

SCA Interface

