



146 Gbyte 10,000 rpm Disk Drive Specifications

SCSI - Ultra4 Interface

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 (±5%)	+12 VDC (±7%)
Motor start	1.20 A	2.3 A
Max Operating (Random IOs)	1.5 A	1.3 A
Idle	0.9 A	0.8 A

Physical Characteristics

Height	Width	Depth	Weight
1.0 in.	4 in.	5.75 in.	1.9 lb
25.4 mm	101.6 mm	146 mm	0.86 kg

Performance

Attribute	Value
Capacity, formatted	146,810,936 bytes minimum (512 bytes per sector)
Seek times (read / write)	
Single track seek	0.3 msec / 0.5 msec
Average seek	4.7 msec / 5.2 msec
Maximum seek	9.2 msec / 9.7 msec
Average Rotational latency	2.99 msec
HDA data transfer rate	
Disk to read buffer	56 Mbytes per sec (minimum)
Interface data rate	5 to 320 Mbytes per sec
Maximum instantaneous	320 Mbytes per sec (Ultra320 Mode)
Start/stop	
Power up to ready	30 sec typical
Spin down	30 sec typical

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