



750-Gbyte, 7,200-RPM Disk Drive Specification SATA 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

The following tables show the disk drive specifications.

Power Requirements

Activity	+5 VDC ($\pm 5\%$)	+12 VDC ($\pm 7\%$)
Motor start maximum	--	2.8 A
Typical Operating (Random IOs)	0.613 A	0.762 A
Idle	0.611 A	0.520 A

Physical Characteristics

Height	Width	Depth	Weight
1.028 in	4.000 in $\pm .010$	5.787 in	1.59 lb
26.1 mm	101.6 mm	146.99 mm	0.720 kg

Performance

Attributes	Values
Capacity, formatted	750,156,374,016 bytes minimum (512 bytes per sector)
Seek times (read/write)	
Single track seek	0.8 msec / 1.0msec
Average seek	8.5 msec / 9.5 msec
Maximum seek	14.7 msec/ 15.7 msec
Rotational latency	
Maximum	8.34 msec (7.2 Krpm)
Average	4.17 msec
HDA data transfer rate	
Disk to read buffer	1,030 Mbits per sec maximum
Interface data transfer rate	
Maximum instantaneous	1.5/3.0 Gb per sec
Start/stop	
Power up to ready	15 sec typical, 31 sec maximum
Spin down	10 sec maximum

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