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# 146 Gbyte, 10,000 rpm Disk Drive Specifications

*FC - AL2 Capable*

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## 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.

## Disk Drive Specifications

### Power Requirements

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Activity	+5 VDC (±5%)	+12 VDC (±7%)
Motor start	1.20 A	2.3 A
Max Operating (Random I/Os)	1.7 A	1.3 A
Idle	1.2 A	0.7 A

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### Physical Characteristics

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Height	Width	Depth	Weight
1.0 in	4 in	5.75 in	1.61 lb
25.4 mm	101.6 mm	146 mm	0.731 kg

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## Performance

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Attribute	Value
Capacity, formatted	146,810,535,936 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	57 Mbytes per sec minimum
Interface data transfer rate	
Maximum instantaneous	212.50 Mbytes per sec (2 Gigabit Mode)
Start/stop	
Power up to ready	30 sec typical
Spin down	30 sec typical

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