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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.

## Drive Specifications

### Power Requirements

Activity	+5 VDC ( $\pm 5\%$ )	+12 VDC ( $\pm 7\%$ )
Motor start	1.7A	3.1A
Seeking - peak (<2 msec)	2.0A	3.1A
Seeking average maximum (33%)	1.65A	1.25A
Continuous write/read	1.7A	1.3A
Idle	1.5A	0.8A

### Physical Characteristics

Height	Width	Depth	Weight
1.63 in	4 in	5.75 in	2.2 lb
41.3 mm	101.6 mm	146 mm	1 kg

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## Performance

Attribute	Value
Capacity, formatted	18,113,808,384 bytes minimum (512 bytes per sector)
Seek times (read/write)	
Single track seek	1.1 msec / 1.4 msec
Average seek	8.0 msec / 9.0 msec
Maximum seek	18.5 msec / 20.5 msec
Rotational latency	
Maximum	8.33 msec (7200 rpm)
Average	4.17 msec
HDA data transfer rate	
Disk to read buffer	10.8 Mbytes per sec
Interface data transfer rate	
Maximum instantaneous	106.25 Mbytes per sec
Start/stop	
Power up to ready	15 sec typical, 30 sec maximum
Spin down	30 sec typical

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## Sun Documentation on the Web

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# 18 Gbyte 7200 rpm Disk Drive Specifications

*FC-AL Interface*

