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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	1.3 A	2.5 A
Seeking - peak (<2 msec)	1.35 A	2.75 A
Seeking average maximum (33%)	1.2 A	1.1 A
Continuous write/read	1.35 A	1.3 A
Idle	1.0 A	0.6 A

### Physical Characteristics

Height	Width	Depth	Weight
1.00 in	4 in	5.75 in	1.3 lb
25.4 mm	101.6 mm	146 mm	0.6 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	0.8 msec / 1.1 msec
Average seek	5.5 msec / 6.0 msec
Maximum seek	12.2 msec / 13.2 msec
Rotational latency	
Maximum	5.99 msec (10,025 rpm)
Average	2.99 msec
HDA data transfer rate	
Disk to read buffer	22.7 Mbytes per sec
Interface data transfer rate	
Maximum instantaneous	106.25 Mbytes per sec
Start/stop	
Power up to ready	30 sec typical
Spin down	30 sec typical

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## 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](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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# 18 Gbyte, 1 –Inch, 10K rpm Disk Drive Specifications

*FC-AL Interface*

