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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	1.5 A	3.2 A
Seeking - peak (<2 msec)	1.4 A	3.0 A
Seeking average maximum (33%)	1.3 A	1.5 A
Idle	1.2 A	1.0 A

### Physical Characteristics

The disk drive may be either 1.0 inch or 1.6 inches in height and is installed within the T3 disk drive enclosure.

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## Performance

Attribute	Value
Capacity, formatted	36,420,074,496 bytes minimum 71,132,958 blocks (512 bytes per sector)
Seek times (read/write) (MINIMUMS)	
Single track seek	0.8 msec / 1.1 msec
Average seek	7.5 msec / 8.5 msec
Maximum seek	16.0 msec / 17.0 msec
Rotational latency	
Maximum	5.99 msec (10Krpm)
Average	2.99 msec
HDA data transfer rate	
Disk to read buffer	22.7 Mbytes per sec minimum
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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# 36 Gbyte, 10K rpm Disk Drive Specifications

*FC-AL Interface*

*( for T3 System Use Only)*

