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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 "Ordering Sun Documents" 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	1.9A	2.1A
Max. Operating (Max random I/O)	1.7A	1.4A
Max. Operating (33% seek stroke)	1.7A	1.0A
Idle	1.4A	0.9A

### Physical Characteristics

Height	Width	Depth	Weight
1 in	4 in	5.75 in	1.32 lb
25.4 mm	101.6 mm	146 mm	0.6 kg

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## Performance

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Capacity, formatted	9,090,874,368 bytes minimum (512 bytes per sector)
Seek times (read/write)	
Single track seek	0.8 msec / 1.1 msec
Average seek	5.4 msec / 6.2 msec
Maximum seek	12.2 msec / 13.2 msec
Rotational latency	
Average	2.99 msec (10K rpm)
HDA data transfer rate	
Disk to read buffer	19 Mbytes per sec
Interface transfer rate	
Serial Data (Maximum)	106.3 Mbytes per sec
Start/stop	
Power up to ready	30 sec typical
Spin down	30 sec

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## Ordering Sun Documents

SunDocs<sup>SM</sup> is a distribution program for technical documentation and is available from SunExpress. You can find a full listing of available documentation on the World Wide Web:

<http://www.sun.com/sunexpress/>

To order or for more information:

Telephone: 1-800-873-7869 (North America only)

Fax: 1-800-944-0661 (North America only)

## Reader Comments

Your comments and suggestions are important to us. Please let us know what you think about the *9 Gbyte 10K rpm Disk Drive Specifications*, part number 805-5638-10.

You can send detailed comments via email to [smcc-docs@sun.com](mailto:smcc-docs@sun.com), or send a fax to *SMCC Doc Feedback* at (650) 786-6443.

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# 9 Gbyte 10K rpm Disk Drive Specifications

*FC-AL Interface*