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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	1.0A	2.5A
Max Operating (Random IOs)	1.3A	1.6A
Idle	1.0A	0.8A

### 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	0.7msec / 0.9 msec
Average seek	5.6 msec / 6.0 msec
Maximum seek	10.0 msec / 10.5 msec
Rotational latency	
Maximum	5.99 msec (10,025 rpm)
Average	2.99 msec
HDA data transfer rate	
Disk to read buffer	35.0 Mbytes per sec minimum
Interface transfer rate	narrow / wide / ultra/ LVD
Synchronous	10 to 160 Mbytes per sec
Asynchronous	5 to 20 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

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

*SCSI Interface*

