Disk Drive Installation

Refer to the *Solaris Handbook for SMCC Peripherals* that corresponds to your operating system for information on how to:

- Determine a SCSI target address

- Shut down your system

- Perform other software-related disk drive installation tasks

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 of the listed documentation.

Drive Specifications

Power Requirements

Activity	+5 VDC (±5%)	+12 VDC (±7%)
Motor start	1.1A	2.8A
Seeking - peak (<2 msec)	1.4A	2.3A
Seeking average maximum (33%)	1.0A	1.4A
Continuous write/read	1.0A	0.98A
Idle	1.0A	0.9A

Performance

Capacity, formatted	9,090,874,368 bytes minimum (512 bytes per sector)
Seek times (read/write)	
Single track seek	1.0 msec / 2.2 msec
Average seek	9.5 msec / 10.7 msec
Maximum seek	19 msec / 20.2 msec
Rotational latency	
Maximum	8.33 msec (7200 rpm)
Average	4.17 msec
HDA data transfer rate	
Disk to read buffer	9 Mbytes per sec
Interface transfer rate	narrow / wide / ultra
Synchronous	10 to 40 Mbytes per sec
Asynchronous	5 to 20 Mbytes per sec
Start/stop	
Power up to ready	15 sec typical, 30 sec maximum
Spin down	30 sec typical

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

Ordering Sun Documents

SunDocs℠ 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:

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Reader Comments
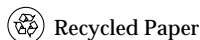
Your comments and suggestions are important to us. Please let us know what you think about the *9 Gbyte 7200 rpm Disk Drive Specifications,* part number 802-7745-10.

You can send detailed comments via email to smcc-docs@sun.com, or send a fax to *SMCC Doc Feedback* at (415) 786-6443.

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9 Gbyte 7200 rpm Disk Drive Specifications

SCA Interface

Sun microsystems