
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	2.0A
Seeking - peak (<2 msec)	1.4A	2.0A
Seeking average maximum (33%)	1.0A	1.0A
Continuous write/read	1.0A	0.85A
Idle	1.0A	0.55A

Performance

Capacity, formatted 2,147,678,208 bytes minimum
(512 bytes per sector)

Seek times (read/write)

Single track seek 2.0 msec / 2.5 msec

Average seek 9.5 msec / 10.5 msec

Maximum seek 18 msec / 19.5 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 in	4 in	5.75 in	1.32 lb
25.4 mm	101.6 mm	146 mm	0.6 kg

Ordering Sun Documents

SunDocsSM is a distribution program for technical documentation and is available from SunExpressTM. 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)

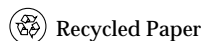
Reader Comments

Your comments and suggestions are important to us. Please let us know what you think about the *2.1 Gbyte 7200 rpm Disk Drive Specifications*, part number 802-7743-10.

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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2.1 Gbyte 7200 rpm Disk Drive Specifications

SCA Interface