



146 Gbyte, 15000 rpm, Disk Drive Specification - Serial Attached SCSI Interface

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

The following tables show the disk drive specifications.

Power Requirements

Activity	+5 VDC ($\pm 5\%$)	+12 VDC ($\pm 7\%$)
Motor start max	1.80 A	2.4 A
Typical Operating (Random IOs)	1.5 A	2.2 A
Idle	0.9 A	0.8 A

Physical Characteristics

Height	Width	Depth	Weight
1.028 in. max	4 in ± 0.0010	5.787 in max	2.05 lb
26.1 mm max	101.6 mm ± 0.25	147.0 mm max	0.932 kg

Performance

Attributes	Values
Capacity, formatted	146,810,536,448 bytes minimum (512 bytes per sector)
Seek times (read/write)	
Single track seek	0.5 msec / 0.7msec
Average seek	3.7 msec / 4.2 msec
Maximum seek	8.0 msec / 9.0 msec
Rotational latency	
Maximum	4.00 msec (15 Krpm)
Average	2.00 msec
HDA data transfer rate	
Disk to read buffer	70 Mbits per sec maximum
Interface data transfer rate	3 Gbit
Maximum instantaneous	300 Mbytes per sec
Start/stop	
Power up to ready	30 sec typical
Spin down	30 sec maximum

Accessing Sun Documentation

You can view, print, or purchase a broad selection of Sun documentation, including localized versions, at:

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

Third-Party Web Sites

Sun is not responsible for the availability of third-party web sites mentioned in this document. Sun does not endorse and is not responsible or liable for any content, advertising, products, or other materials that are available on or through such sites or resources. Sun will not be responsible or liable for any actual or alleged damage or loss caused by or in connection with the use of or reliance on any such content, goods, or services that are available on or through such sites or resources.

Contacting Sun Technical Support

If you have technical questions about this product that are not answered in this document, go to:

<http://www.sun.com/service/contacting>

Sun Welcomes Your Comments

Sun is interested in improving its documentation and welcomes your comments and suggestions. You can submit your comments by going to:

<http://www.sun.com/hwdocs/feedback>

Please include the title and part number of your document with your feedback:

146 Gbyte, 15000 rpm, Disk Drive Specification - Serial Attached SCSI Interface,
part number 819-4164-10

Copyright 2004 Sun Microsystems, Inc. All rights reserved. Use is subject to license terms. Third-party software, including font technology, is copyrighted and licensed from Sun suppliers. Portions may be derived from Berkeley BSD systems, licensed from U. of CA. Sun, Sun Microsystems, the Sun logo, and Solaris are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and in other countries. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. in the U.S. and in other countries. U.S. Government Rights—Commercial use. Government users are subject to the Sun Microsystems, Inc. standard license agreement and applicable provisions of the FAR and its supplements.

Copyright 2004 Sun Microsystems, Inc. Tous droits réservés. Distribué par des licences qui en restreignent l'utilisation. Le logiciel détenu par des tiers, et qui comprend la technologie relative aux polices de caractères, est protégé par un copyright et licencié par des fournisseurs de Sun. Des parties de ce produit pourront être dérivées des systèmes Berkeley BSD licenciés par l'Université de Californie. Sun, Sun Microsystems, le logo Sun, et Solaris sont des marques de fabrique ou des marques déposées de Sun Microsystems, Inc. aux Etats-Unis et dans d'autres pays. Toutes les marques SPARC sont utilisées sous licence et sont des marques de fabrique ou des marques déposées de SPARC International, Inc. aux Etats-Unis et dans d'autres pays.



Sun Microsystems, Inc.
www.sun.com