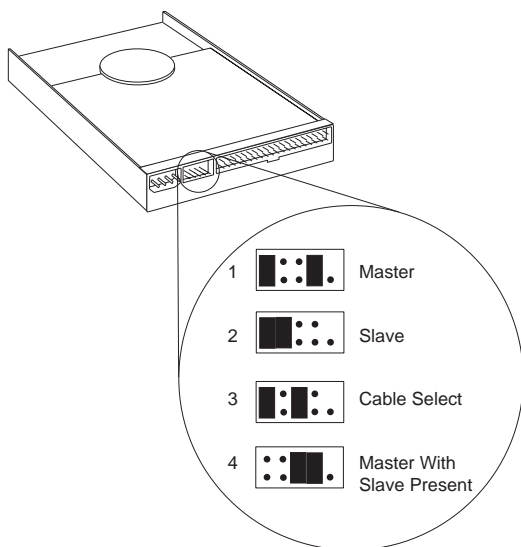


Deskstar 5 Hard Disk Drive User's Guide Supplement

This supplement contains jumper setting, specification, and warranty information for your hard disk drive.*



ATTENTION:
OS/2 Users With a New 6.4 GB Hard Disk Drive

This hard drive requires that OS/2 users have the latest OS/2 driver enhancements to utilize its full capacity. Go to the OS/2 Device Driver Web page (**OS/2 Device Driver Pak**) located at <http://service.software.ibm.com/os2ddpak/html/index.htm> to obtain the OS/2 hardfile updates. Select "OS/2 Component Updates." Then select "Installation Diskette Updates." Then select "Greater Than 4.3GB IDE Hardfile Support." Next, download the "idedasd.exe" file. (Be sure to read "helpful instructions" for download directions.) You must follow all the instructions in the "readme.txt" included in the "idedasd.exe" file to install the hardfile updates. Use the diskettes to install the driver enhancements that allow OS/2 to utilize the full capacity of the 6.4 GB hard disk drive.

Hard Disk Drive:	4.2 GB	6.4 GB
Operating Environment: (operating) / (not operating)		
Shock (11ms)	10 G / 75 G	10 G / 75 G
Temperature	5°-55°C / 0°-65°C	5°-55°C / 0°-65°C
Relative humidity	8%-90% / 5%-95%	8%-90% / 5%-95%
Vibration	1.0 G / 2.0 G	1.0 G / 2.0 G
Power Requirements (all values typical averages):		
+5 V dc idle amps	0.32	0.32
+12 V dc idle amps	0.26	0.26
+5 V dc startup amps	0.60	0.60
+12 V dc startup amps	2.0	2.0
Idle power watts	4.7	4.7
Performance (all values typical averages):		
Read - seek time	9.5 ms	9.5 ms
Write - seek time	10.5 ms	10.5 ms
Rotational speed	5400 RPM	5400 RPM
Buffer size	512 KB	512 KB
50 KB reserved for drive firmware.		

Hard Disk Drive:	4.2 GB	6.4 GB
Commercial single part number	01K1276	01K1279
Commercial bulk part number	01K1277	01K1280
Retail single part number	01K1278	01K1281
Drive part number	00K0369 or 00K0358	09J0208 or 00K0356
Logical Parameters:		
Number of heads	16	15
Number of cylinders	8184	13328
Number of sectors per track	63	63
Disk Drive Configuration:		
Formatted capacity	4200 MB	6400 MB
Data Transfer (Buffer to Host)		
Burst (MB/sec) (max)	33	33
Sustained (MB/sec)	5.7-10.2	5.7-10.2

*Actual performance varies based upon many factors and is frequently less than the maximum possible.

The following warranty information applies to products purchased in the United States, Canada, and Puerto Rico. For warranty terms and conditions for products purchased in other countries, see the enclosed Warranty insert, or contact your IBM reseller or IBM marketing representative.

International Business Machines Corporation

Armonk, New York, 10504

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05L1646

Machine: Deskstar 5 Hard Disk Drive P/N: 01K1276 thru 01K1281

Warranty Period*: Three Years

**Contact your place of purchase for warranty service information.*

Production Status

Each Machine is manufactured from new parts, or new and used parts. In some cases, the Machine may not be new and may have been previously installed. Regardless of the Machine's production status, IBM's warranty terms apply.

The IBM Warranty for Machines

IBM warrants that each Machine 1) is free from defects in materials and workmanship and 2) conforms to IBM's Official Published Specifications. The warranty period for a Machine is a specified, fixed period commencing on its Date of Installation. The date on your receipt is the Date of Installation, unless IBM or your reseller informs you otherwise.

During the warranty period IBM or your reseller, if authorized by IBM, will provide warranty service under the type of service designated for the Machine and will manage and install engineering changes that apply to the Machine.

For IBM or your reseller to provide warranty service for a feature, conversion, or upgrade, IBM or your reseller may require that the Machine on which it is installed be 1) for certain Machines, the designated, serial-numbered Machine and 2) at an engineering-change level compatible with the feature, conversion, or upgrade. Many of these transactions involve the removal of parts and their return to IBM. You represent that all removed parts are genuine and unaltered. A part that replaces a removed part will assume the warranty service status of the replaced part.

If a Machine does not function as warranted during the warranty period, IBM or your reseller will repair it or replace it with one that is at least functionally equivalent, without charge. The replacement may not be new, but will be in good working order. If IBM or your reseller is unable to repair or replace the Machine, you may return it to your place of purchase and your money will be refunded.

If you transfer a Machine to another user, warranty service is available to that user for the remainder of the warranty period. You should give your proof of purchase and this Statement to that user. However, for Machines which have a life-time warranty, this warranty is not transferable.

Warranty Service

To obtain warranty service for the Machine, you should contact your reseller or call IBM. In the United States, call IBM at **1-800-772-2227**. In Canada, call IBM at **1-800-565-3344**. You may be required to present proof of purchase.

IBM or your reseller will provide certain types of repair and exchange service, either at your location or at IBM's or your reseller's service center, to restore a Machine to good working order.

When a type of service involves the exchange of a Machine or part, the item IBM or your reseller replaces becomes its property and the replacement becomes yours. You represent that all removed items are genuine and unaltered. The replacement may not be new, but will be in good working order and at least functionally equivalent to the item replaced. The replacement assumes the warranty service status of the replaced item. Before IBM or your reseller exchanges a Machine or part, you agree to remove all features, parts, options, alterations, and attachments not under warranty service. You also agree to ensure that the Machine is free of any legal obligations or restrictions that prevent its exchange.

You agree to:

1. obtain authorization from the owner to have IBM or your reseller service a Machine that you do not own; and
2. where applicable, before service is provided —
 - a. follow the problem determination, problem analysis, and service request procedures that IBM or your reseller provide,
 - b. secure all programs, data, and funds contained in a Machine, and
 - c. inform IBM or your reseller of changes in a Machine's location.

IBM is responsible for loss of, or damage to, your Machine while it is 1) in IBM's possession or 2) in transit in those cases where IBM is responsible for the transportation charges.

Extent of Warranty

IBM does not warrant uninterrupted or error-free operation of a Machine.

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2. the amount of any other actual direct damages or loss, up to the greater of U.S. \$100,000 or the charges (if recurring, 12 months' charges apply) for the Machine that is the subject of the claim.

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