

HITACHI

Inspire the Next

Quick installation guide

Hitachi Deskstar 7K160

Serial ATA Hard disk drive

Models: HDT721616PLA380
HDT721680PLA380



System Requirements for Serial ATA

The following are needed to install a Serial ATA drive to a system.

- Serial ATA capable motherboard or controller card
- Serial ATA drive
- Serial ATA cable (1 meter or less in length)

Handling precautions

Set the drive down gently to prevent damage from impact or vibration.

- Do not open the ESD bag containing the drive until needed.
- Handle the drive carefully by the edges. Do not touch the exposed printed circuit board or any electronic components.
- Do not press on the top or bottom of the drive.
- Before handling the drive, discharge any static electricity from yourself and your clothing. With one hand touch an unpainted metal surface on your computer chassis, then touch the ESD bag with the other hand. Remain in contact with the chassis and the bag for a minimum of two seconds.

Quick installation procedure

Note: Back up all data before installing drive!

1. Turn off the computer.
2. Unplug the computer.
3. Remove the computer cover as instructed by the computer system manual.
4. Discharge static electricity (see Handling precautions).

5. Note the mounting position of existing drives and cables. If you are replacing a drive or any cable, remove it now.
6. Remove the drive from the ESD bag.
7. Record the model, the part number, and the serial number of the drive for future reference.
8. Attach the Serial ATA cable to the drive. Match key on cable to connector on drive

Connect Power Connector

Connect Serial ATA power connector if provided on power supply or use legacy 4 pin power connector. Arrange cable to match connector as shown in photos below.



OR



WARNING

Do not use both power connections at the same time. Doing so will result in drive failure.



1. Mount the drive securely.
2. Verify all attachments.
3. Replace the computer cover.
4. Plug in the computer.
5. Turn on the computer.
6. Verify that the hard disk is recognized by the BIOS and is reporting the full capacity of the drive. Instructions for accessing your BIOS can be found in the computer system manual or in the motherboard manufacturer documentation. If the drive is not recognized in the BIOS, set the BIOS options of your computer system to Auto Detection and LBA mode if available. Once the drive is recognized correctly in the BIOS, it is ready to be partitioned and formatted.
7. Your operating system setup utility will provide instructions on how to partition and format your drive before it installs the operating system. For additional information see:

www.hitachigst.com/support

© Copyright Hitachi Global Storage Technologies

Hitachi Global Storage Technologies
5600 Cottle Road
San Jose, CA 95193

Produced in the United States

3/06

All rights reserved Deskstar™ is a trademark of Hitachi Global Storage Technologies.

Microsoft, Windows XP, and Windows are trademarks of Microsoft Corporation in the United States, other countries, or both.

Other product names are trademarks or registered trademarks of their respective companies.

References in this publication to Hitachi Global Storage Technologies products, programs or services do not imply that Hitachi Global Storage Technologies intends to make these available in all countries in which Hitachi Global Storage Technologies operates.

Product information is provided for information purposes only and does not constitute a warranty.

Information is true as of the date of publication and is subject to change. Actual results may vary.

This publication is for general guidance only. Photographs may show design models.

29 March 2006
