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Quick installation guide

Hitachi Deskstar 7K80

Serial ATA Hard disk drive

Models: HDS728040PLA320
HDS728080PLA380



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

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