

# Hitachi Global Storage Technologies

## Quick installation guide Hitachi Travelstar 80GN 2.5 inch ATA/IDE hard disk drive

Models: IC25N080ATMR04  
IC25N060ATMR04  
IC25N040ATMR04  
IC25N030ATMR04  
IC25N020ATMR04



### Handling precautions

- Wear a grounded wrist strap while handling the drive to prevent damage from Electrostatic Discharge (ESD).
- 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.
- Do not cover the drive's breather hole.

### Quick installation

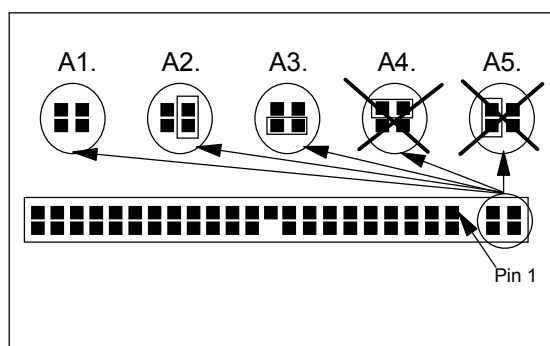
*Installation of this Hitachi Travelstar drive in some notebooks may require use of unique hardware (such as mounting trays, connecting cable, insulating material). If you are uncertain if hardware is needed, consult your notebook manufacturer as this operation may require a qualified technician.*

*Back up all data before proceeding with installation.*

#### 1. Set the jumpers

- **Master drive.** No jumper is required if the drive is the only drive in a system or the Master drive in a two-drive system.
- **Slave drive.** If this is the Slave drive in a system, place a jumper in setting A2. (See the A2 setting in the illustration.)
- **Cable Select.** Setting A3 in the illustration. Consult the system manual to see if your computer supports Cable Select.

#### Jumper settings



A1. Master    A2. Slave    A3. Cable Select  
A4 & A5. Never attach a jumper in these positions!

#### 2. Attach the drive

For assistance on the physical installation of the drive, consult your system manual.

#### 3. Configure the computer

1. Turn on the computer.
2. Enter Setup.
3. Go to Hard Disk Drive Configuration.
4. Select Autodetect if it is available.
5. If Autodetect is not available, set to User and set to appropriate parameters from the table below.
6. Save the settings and exit.
7. Reboot the system from a floppy disk.

Model Number	Cylinders	Heads	Sectors/ Track	Capacity (GB)
IC25T080ATMR04	16,383	4	63	80
C25T060ATMR04	16,383	3	63	60
C25T040ATMR04	16,383	2	63	40
C25T030ATMR04	16,383	2	63	30
C25T020ATMR04	16,383	1	63	20

#### 4. Partition and format

Partition and format the drive using either of these two methods:

- **Disk Manager 2000**
  - i. Boot the Disk Manager 2000 installation utility
  - ii. If the Disk Manager 2000 configuration matches your new system configuration, continue. If the system configuration is not a match or if you want to proceed manually, select *no*. Then verify the BIOS settings, cabling, and jumpers. Run Disk Manager 2000 again.
  - iii. Disk Manager 2000 determines available partition sizes based on the operating system to be installed. Select the partition sizes for your installation.
  - iv. Click "Finish" to complete the partitioning and formatting of your drive.
- **FDISK.EXE and FORMAT.EXE** (or a similar partitioning software from the operating system)

Follow the instructions provided with your operating system to partition the drive. If FDISK.EXE recognizes only 8.4 GB of a drive, the BIOS may not support Interrupt 13 Extensions.

Format the drive by following the instructions provided with FORMAT.EXE. Formatting will verify the hard disk media and create file allocation tables for the partition.

#### 5. Boot up the computer

If the system does not boot up after the installation of the drive, check all the settings. If the system still fails to boot up, contact the Hitachi Global Storage Technologies Support Center.

---

© Copyright Hitachi Global Storage Technologies

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

Produced in the United States

3/03

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.

12 March 2003

---