



Quick installation guide

Travelstar 40GNX

2.5 inch ATA/IDE hard disk drive



Models: IC25N040ATCS05
IC25N020ATCS05

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

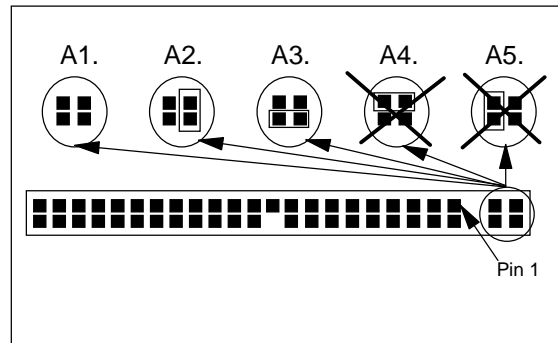
Installation of this Travelstar drive in some notebooks may require use of unique hardware (such as mounting trays, connecting cable, insulating material). If you are uncertain if hardware is needed, consult your notebook manufacturer as this operation may require a qualified technician.

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.
7. Exit.
8. Reboot the system from a floppy disk.

Model Number	Cylinders	Heads	Sectors/Track	Capacity (GB)
IC25N040ATCS05	16,383	4	63	40
IC25N020ATCS05	16,383	2	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 to the next step. 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 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 larger than 8.4 GB, 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 IBM Technology Group Support Center.



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