




Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for HITACHI ULTRASTAR 36XP. You'll find the answers to all your questions on the HITACHI ULTRASTAR 36XP in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual HITACHI ULTRASTAR 36XP
User guide HITACHI ULTRASTAR 36XP
Operating instructions HITACHI ULTRASTAR 36XP
Instructions for use HITACHI ULTRASTAR 36XP
Instruction manual HITACHI ULTRASTAR 36XP

IBM storage products



Quick installation guide
Ultrastar 36XP
Multi-mode SE/LVD

Models: DRHS-36V
DRHS-36D

Handling precautions

- Always handle the drive with care to prevent damage from shock, vibration, or electrostatic discharge (ESD).
- Do not open the static-protective bag containing the drive until required. Static electricity can damage the drive.
- Always handle the drive with care to prevent damage from shock, vibration, or electrostatic discharge (ESD).
- Do not open the static-protective bag containing the drive until required. Static electricity can damage the drive.
- Turn off and unplug your computer. Remove case.
- When you are installing the drive, touch the static-protective package containing the drive to a grounded, unpainted metal surface for at least two seconds. (This drains static electricity from the package and from your body.)
- Handle the drive carefully by the edges. Do not touch any exposed printed circuit board.
- Save your drive packaging materials including the ESD bag in the event that the drive must be returned. Place the drive in an anti-static bag before placing it in the shipping container. The warranty will be void if the drive is not returned in IBM approved packaging.


Installation procedure

It is advisable to back up all data before proceeding with the installation.

This procedure may require the use of a bootable System Diskette containing FDISK.COM and FORMAT.COM.

Setting the address

- Each drive on the SCSI bus must have a unique address. Sixty-eight and eighty-pin (Wide SCSI) devices have 16 possible addresses.
- SCSI address bits 3, 2, 1, and 0 of the 32-pin Option Jumper Block are used to select the SCSI device ID.



Note: In the table below, 'off' means a jumper is not in place and 'on' means a jumper is in place.

Bit 3	Bit 2	Bit 1	Bit 0	Address
off	off	off	off	0
off	off	off	on	1
off	off	on	off	2
off	off	on	on	3
off	on	off	off	4
off	on	off	on	5
off	on	on	off	6
off	on	on	on	7
on	off	off	off	8
on	off	off	on	9
on	off	on	off	10
on	off	on	on	11
on	on	off	off	12
on	on	off	on	13
on	on	on	off	14
on	on	on	on	15

IBM Hard Disk Drive Technical Support Center

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version 2.0



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Manual abstract:

COM and FORMAT.COM Setting the address 1. Each drive on the SCSI bus must have a unique address. Sixty eight and eighty pin (Wide SCSI) devices have 16 possible addresses. 2. SCSI address bits 3,2,1, and 0 of the 32 pin Option Jumper Block are used to select the SCSI device ID. Force Single Ended Mode External Activity LED Write Protect Ground Auto Start Blank Reserved SCSI ID Bits 3210 13 5 7 Auto Start Delay Disable Sync Negotiations Disable SCSI Parity Disable Unit Attention Disable Wide Negotiations 2. Do not open the static-protective bag containing the drive until required. Static electricity can damage the drive. 11 13 15 17 19 21 23 25 27 29 31 3.

@@4. Do not open the static-protective bag containing the drive until required. Static electricity can damage the drive. 5. Turn off and unplug your computer.

Remove case. 6. When you are installing the drive, touch the static-protective package containing the drive to a grounded, unpainted metal surface for at least two seconds. @@Handle the drive carefully by the edges. Do not touch any exposed printed circuit board.

8. @@@@The /S parameter makes C: the operating system startup drive. 3. @@4. Remove the diskette and restart your computer. The installation is complete. @@@@Produced by the IBM Hard Disk Drive Technical Support Center. @@This product data does not constitute a warranty. @@Data subject to change without notice. Date: 11 January 1999 Attaching the drive 1.

Turn off the computer, unplug the power cord, and open the case. 2. @@@Select the other option jumpers as required by your computer. 4. Attach the power connector. Mounting the drive 1. Mount the drive securely, using the appropriate brackets or rails, in any axes, using four 6-32 UNC metric screws in the bottom or side mounting holes. 2. The maximum screw insertion depth for mounting is 3.8mm.

Configuring your computer 1. Plug in the power cord, insert the System Diskette and power on your computer. Your computer may detect a configuration change and prompt you to proceed to the Setup screen. If so, proceed to step 3. 2.

If your computer does not prompt you to enter reconfiguration, refer to your computer's documentation for the proper key sequence. 3. Follow the Setup menu to configure your computer with your new SCSI drive. It may be necessary to restart your computer for the changes to take effect. @@Partitioning and formatting will erase all data.

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