

# Quick Installation Guide

## Hitachi Ultrastar A7K1000

### Models:

HUA721010KLA330, HUA721075KLA330,  
HUA721050KLA330

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### Handling precautions

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- Do not open the electrostatic discharge (ESD) bag containing the drive until required.
- Do not apply pressure on the drive during handling and installation.
- To prevent damage from impact or vibration always set the drive down gently.
- Handle the drive carefully by the edges. Do not touch the exposed printed circuit board or any electronic components.
- Do not cover the breather hole! Covering the breather hole may result in loss of data.
- Save the packaging materials including the ESD bag in the event that the hard drive must be returned.

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### Installing the hard drive

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1. Record the serial number and part number of your hard drive for future reference.
2. Turn off the computer and remove the computer system cover.
3. Unplug the computer.
4. Before handling the hard drive, discharge any static electricity from yourself and your clothing. With one hand touch an unpainted metal surface on the computer chassis, and then touch the ESD bag with the other hand for a minimum of two seconds.
5. Remove the hard drive from the ESD bag.
6. Unplug the computer.
7. Assign a SCSI address if necessary.

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### Mounting orientation

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The drive will operate in all axes (6 di  
Performance and error rate will stay w  
specification limits if the drive is oper  
other orientations from which it was fo



The recommended mounting screw torque is 0.6 - 1.0 Nm (6 - 10 kgf-cm). The recommended mounting screw depth is 4 mm maximum for bottom and 4.5 mm maximum for horizontal mounting. To avoid performance degradation, mount the drive in the system securely enough to prevent excessive motion or vibration of the drive at seek operation or spindle rotation, using appropriate screws or equivalent mounting hardware. Consult with the issuer of this specification for actual application if necessary. Drive level vibration tests and shock tests are to be conducted with the drive mounted to a table using the bottom four screws.

### Turn on your computer.

- If the system boots, be sure the drive is recognized. If it is, turn off the computer and replace the cover. Continue to install your operating system.
- If your system does not boot up, turn off your computer and check all connections and settings. Turn on and boot the system.
- If the system fails to boot, turn off your system. Contact the Hitachi GST Support Center for assistance.

### Special Notes:

For this drive to operate in LVD mode all SCSI devices including the SCSI bus host adapter must be LVD devices.

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