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Intel® Matrix Storage Technology

Quick Start Guide   June 2004, Rev 3.0

Purpose

Provide necessary steps to build a mobile system in AHCI mode using Intel® Matrix Storage Technology.

Please use the system recovery CD if one was provided with your system. Otherwise, follow the steps below to install Windows* XP from Microsoft on your AHCI enabled system. Please consult your user manual to identify if your system is AHCI enabled. Intel® Matrix Storage Technology should only be used on systems on which AHCI is enabled.

Setting up an AHCI System

The following steps outline how to build a system with Windows XP installed on a single SATA hard drive in a mobile system in AHCI mode.

1. Start with a mobile system that is known to have an Intel® 915 family chipset with an Intel® 82801FBM I/O Controller Hub.

2. Ensure that the system has AHCI enabled. Consult your user manual if necessary.

3. Begin Windows XP Setup by booting from the installation CD.

4. At the beginning of Windows XP Setup, you will be prompted at the bottom of the screen to press F6 to install a third-party SCSI or RAID driver. When prompted, hit F6 key and insert a floppy disk containing the Intel® Application Accelerator driver that was included with your system. After reading the floppy disk, the selection 'Intel(R) 82801FBM SATA AHCI Controller (Mobile ICH6M)' will be presented -- select this controller to install the driver. Leave the floppy disk inserted in the drive until the installation reads it the second time to copy the system files.

5. Finish the Windows XP installation.

6. Install the latest Intel Application Accelerator software via the CD-ROM included with your system or after downloading it from the Internet (*http://support.intel.com/support/chipsets/imst/*). This will add the Intel® Storage Utility which will provide you with user notification of events as needed and you can use to view information about your AHCI storage sub-system.