Intel® Ultra ATA Storage Driver v6.10.011 Production Version Release Notes

April 4, 2001

Microsoft* Windows* 98
Microsoft* Windows* 98 Second Edition
Microsoft* Windows* Millennium Edition
Microsoft* Windows* NT* 4.0
Microsoft* Windows* 2000

Revision History

Date	Driver Revision	Operating Systems	Draft/Changes
March 28, 2001	v6.10.011 Production Version	Microsoft* Windows 98 Windows 98 Second Edition (SE) Windows Millennium Edition (Me) Windows NT 4.0 Windows 2000	* Digitally Signed CAT files are included. * Resolved issues since 6.10.010 Production Candidate 1.0
March 20, 2001	v6.10.010 Production Candidate 1.0	Microsoft* Windows 98 Windows 98 Second Edition (SE) Windows Millennium Edition (Me) Windows NT 4.0 Windows 2000	Resolved issues since 6.10.006 Beta Candidate 2.0
February 21, 2001	v6.10.006 Beta Candidate 2.0	Microsoft* Windows 98 Windows 98 Second Edition (SE) Windows Millennium Edition (Me) Windows NT 4.0 Windows 2000	Resolved issues since 6.10.003 Beta Candidate 1.0
February 5, 2001	v6.10.003 Beta Candidate 1.0	Microsoft* Windows 98 Windows 98 Second Edition (SE) Windows Millennium Edition (Me) Windows NT 4.0 Windows 2000	Resolved issues since Production Version 6.03.008

Features Added

Release Name	Title/Issues	Operating Systems
v6.10.011 Production Version	N/A	N/A
v6.10.010 Production Candidate 1.0	N/A	N/A
v6.10.006 Beta Candidate 2.0	N/A	N/A
v6.10.003 Beta Candidate 1.0	N/A	N/A

Issues Resolved

Release Name	Title/Issues	Operating Systems
v6.10.011 Production Version	N/A	N/A
v6.10.010 Production Candidate 1.0	LS120 devices, Iomega* Zip 250 drives, and Iomega* Zip 100 drives do not resume from S4 Hibernation mode.	Windows 2000
v6.10.010 Production Candidate 1.0	Western Digital* Data Lifeguard Online Diagnostics* compatibility issues.	Windows Millennium Edition
v6.10.010 Production Candidate 1.0	Language localization for the Intel(R) Ultra ATA Companion utility.	Windows 98 Windows 98 Second Edition Windows Millennium Edition Windows NT 4.0 Windows 2000
v6.10.006 Beta	Removed Advanced Setting Tab from Device Manager.	Windows 2000

Candidate 2.0		
v6.10.006 Beta Candidate 2.0	Bug check occurs during boot with Plextor* software installed on system with no drives attached to IDE channel.	Windows 2000
v6.10.006 Beta Candidate 2.0	Upgrading v6.03 to Beta v6.10 results in blue screen stop error.	Windows 2000
v6.10.006 Beta Candidate 2.0	Resume from Standby mode results in "Inaccessible Boot Device" blue screen error with some device configurations.	Windows 2000
v6.10.006 Beta Candidate 2.0	"Inaccessible Boot Device" blue screen error occurs if UDMA3 or UDMA4 are selected in Intel® Ultra ATA Companion for devices using 40-pin 40-conductor cable.	Windows 98 Windows 98 Second Edition Windows Millennium Edition Windows NT 4.0 Windows 2000
v6.10.006 Beta Candidate 2.0	Windows 2000 does not resume from S4 Hibernation mode.	Windows 2000
v6.10.006 Beta Candidate 2.0	Unable to restore data from tape backup.	Windows 2000
v6.10.006 Beta Candidate 2.0	CloneCD* software fails to record successfully.	Windows 2000
v6.10.006 Beta Candidate 2.0	Windows 2000 CoInstaller is not updated.	Windows 2000
v6.10.006 Beta Candidate 2.0	System hangs after return from S3 Standby mode.	Windows 2000
v6.10.006 Beta Candidate 2.0	Iomega* Zip* 250 devices jumpered as floppy drive A: appears as a removable device.	Windows Millennium Edition Windows 98 Windows 98 Second Edition
v6.10.006 Beta Candidate 2.0	Driver does not load when boot device is connected to Promise* IDE controller card with CD-ROM connected as master device on secondary IDE channel.	Windows Millennium Edition Windows 98 Windows 98 Second Edition
v6.10.006 Beta Candidate 2.0	DMA checkbox appears after installation of driver but should not be available.	Windows Millennium Edition Windows 98 Windows 98 Second Edition
v6.10.006 Beta Candidate 2.0	Ravisent* CineMaster* DVD video playing software requires DMA checkbox selection. DMA checkbox is not available after installation of Intel Ultra ATA Storage Driver.	Windows Millennium Edition Windows 98 Windows 98 Second Edition
v6.10.006 Beta Candidate 2.0	Cannot extract the Companion localized DLL's using the -a -a -p options during installation. Installer fails to extract Companion DLL's with -a option.	Windows 2000 Windows Millennium Edition Windows 98 Windows 98 Second Edition Windows NT 4.0
v6.10.006 Beta Candidate 2.0	Intel Ultra ATA Companion utility displays UDMA5 mode with ATA100 hard drive on a system using an Intel® 82801AA (ICH) I/O Controller Hub. The Intel® 82801AA (ICH) I/O Controller Hub supports maximum of UDMA4 mode.	Windows 2000 Windows Millennium Edition Windows 98 Windows 98 Second Edition Windows NT4.0
v6.10.006 Beta Candidate 2.0	After changing device "mode limit" using Intel Ultra ATA Companion utility and selecting 'Exit' option, changes are not saved.	Windows 2000 Windows Millennium Edition Windows 98 Windows 98 Second Edition Windows NT 4.0
v6.10.003 Beta Candidate 1.0	Device Manager for Microsoft operating systems reports IDE devices as SCSI.	Windows 2000
v6.10.003 Beta Candidate 1.0	Systems with IDE RAID controllers result in "Inaccessible Boot Device" blue screen error.	Windows 2000 Windows NT 4.0

v6.10.003 Beta Candidate 1.0	Reinstalling Windows 2000 on top of itself with the Intel Ultra ATA Storage Driver installed results in "Inaccessible Boot Device" blue screen error.	Windows 2000
v6.10.003 Beta Candidate 1.0	ATAPI drives write in PIO mode but read in UDMA mode.	Windows 98 Windows 98 Second Edition Windows Millennium Edition Windows NT 4.0 Windows 2000
v6.10.003 Beta Candidate 1.0	System fails to resume from Standby mode.	Windows 98 Windows 98 Second Edition Windows Millennium Edition Windows NT 4.0 Windows 2000
v6.10.003 Beta Candidate 1.0	When booting from SCSI hard drives, devices attached to the secondary controller are not available.	Windows 2000
v6.10.003 Beta Candidate 1.0	Iomega* Zip* 250 devices operate in PIO mode.	Windows 98 Windows 98 Second Edition Windows Millennium Edition Windows NT 4.0 Windows 2000
v6.10.003 Beta Candidate 1.0	Event Viewer displays time-out error in system event log.	Windows NT 4.0 with SP5
v6.10.003 Beta Candidate 1.0	Incompatibility issues with Plextor* Manager 2000.	Windows 2000
v6.10.003 Beta Candidate 1.0	User's without Administrative Rights are able to remove Intel Ultra ATA Storage Driver if driver is installed using "have-disk" method.	Windows 2000

Driver Components Contained in this Release

Release Name	Component	Filename	Version
v6.10.011 Production Version	Windows* 2000 Driver	IntelATA.SYS	v7.00.2001
v6.10.011 Production Version	Windows* 98/SE/Millennium Edition Driver	IntelATA.MPD	v5.02.2001
v6.10.011 Production Version	Windows* 98/SE/Millennium Edition SMART VSD Driver	IntelVSD.VXD	v5.02.2001
v6.10.011 Production Version	Windows* NT* 4.0 Driver	IntelATA.SYS	v4.02.2001
v6.10.011 Production Version	Intel® Companion Application	IntelATA.EXE	v3.01.2002

System Requirements

- Microsoft* Windows 98, Windows 98 Second Edition (SE), Windows Millennium Edition (Me), Windows NT 4.0 (any Service Pack) or Windows 2000
- Any Intel 800 series Chipset (e.g. Intel® 810E Chipset, Intel® 815E Chipset, Intel® 820E Chipset) containing the Intel® 82801BA (ICH2), Intel® 82801AA (ICH), or Intel® 82801AB (ICH0) component.
- For best performance, an 80-conductor/40-pin ATA cable should be connected to each ATA channel when using devices that support the Ultra ATA 66/100 protocol.

Unattended Installation under Windows NT* 4.0*

To load the driver via the method outlined in the Microsoft document "Deployment Guide Automating Windows NT Setup," use the supplied TXTSETUP.OEM file included in this driver package and insert the lines below into the UNATTEND.TXT file. (The TXTSETUP.OEM, INTELATA.INF, and INTELATA.SYS file need to first be extracted from the compressed .CAB file. To extract these files, run 'SETUP -A -P <path>' as described in Section 6, "Installer Setup Flags," below).

// Insert the lines below into the UNATTEND.TXT file
[MassStorageDrivers]
"Intel Ultra ATA Controller" = OEM

[OEMBootFiles]
INTELATA.INF
INTELATA.SYS
TXTSETUP.OEM

Note: Additional driver information and installation instructions are available in the Intel Ultra ATA Storage Driver Readme.txt file.