



BIOS Update Release Notes

PRODUCTS: D525MW, D525MWV, D425KT, D425KTW (Standard BIOS)

BIOS Version 0132 - MWPNT10N.86A.0132.2013.0726.1534

About This Release:

- Date: July 26, 2013
- Integrated Graphics Option ROM: 2036 06/13/2010
- LAN Option ROM:
 - Realtek* PCI Express Gigabit Ethernet Controller Series v2.35 (100614)
 - Realtek PCI Express 10/100M Ethernet Controller Series v1.24 (100710)
 - gPXE 1.0.0

New Fixes/Features:

- Fixed issue where system hangs when plugging in certain 40GB USB hard drive.

BIOS Version 0131 - MWPNT10N.86A.0131.2013.0115.1406

About This Release:

- Date: January 15, 2013
- Integrated Graphics Option ROM: 2036 06/13/2010
- LAN Option ROM:
 - Realtek* PCI Express Gigabit Ethernet Controller Series v2.35 (100614)
 - Realtek PCI Express 10/100M Ethernet Controller Series v1.24 (100710)
 - gPXE 1.0.0

New Fixes/Features:

- Fixed issue where there is a boot delay with USB thumb drives.

BIOS Version 0130 - MWPNT10N.86A.0130.2012.1219.1403

About This Release:

- Date: December 19, 2012
- Integrated Graphics Option ROM: 2036 06/13/2010
- LAN Option ROM:
 - Realtek* PCI Express Gigabit Ethernet Controller Series v2.35 (100614)
 - Realtek PCI Express 10/100M Ethernet Controller Series v1.24 (100710)
 - gPXE 1.0.0

New Fixes/Features:

- Fixed issue where there is a boot delay when a USB thumb drive is connected.
- Fixed issue with CPU temperatures.

*Other names and brands may be claimed as the property of others.

- Fixed issue where USB port settings are not correct in Maintenance mode.
- Fixed issue where system does not enter Windows* when all USB ports are disabled.

BIOS Version 0126 - MWPNT10N.86A.0126.2012.0517.1400

About This Release:

- Date: May 17, 2012
- Integrated Graphics Option ROM: 2036 06/13/2010
- LAN Option ROM:
 - Realtek* PCI Express Gigabit Ethernet Controller Series v2.35 (100614)
 - Realtek PCI Express 10/100M Ethernet Controller Series v1.24 (100710)
 - gPXE 1.0.0

New Fixes/Features:

- Fixed issue where certain printer does not work.
- Fixed issue where system hangs when entering the operating system if all USB ports are disabled.

BIOS Version 0122 - MWPNT10N.86A.0122.2012.0418.1100

About This Release:

- Date: April 18, 2012
- Integrated Graphics Option ROM: 2036 06/13/2010
- LAN Option ROM:
 - Realtek* PCI Express Gigabit Ethernet Controller Series v2.35 (100614)
 - Realtek PCI Express 10/100M Ethernet Controller Series v1.24 (100710)
 - gPXE 1.0.0

New Fixes/Features:

- Fixed issue where system does not power on with certain USB scanner connected.

BIOS Version 0113 - MWPNT10N.86A.0113.2012.0207.1500

About This Release:

- Date: Feb 07, 2012
- Integrated Graphics Option ROM: 2036 06/13/2010
- LAN Option ROM:
 - Realtek PCI Express Gigabit Ethernet Controller Series v2.35 (100614)
 - Realtek PCI Express 10/100M Ethernet Controller Series v1.24 (100710)
 - gPXE 1.0.0

New Fixes/Features:

- Fixed issue where system boots to non-bootable USB flash drive.
- Fixed issue where keyboard event shows in event log.

BIOS Version 0110 - MWPNT10N.86A.0110.2012.0111.1250

About This Release:

- Date: January 11, 2012
- Integrated Graphics Option ROM: 2036 06/13/2010
- LAN Option ROM:
 - Realtek* PCI Express Gigabit Ethernet Controller Series v2.35 (100614)
 - Realtek PCI Express 10/100M Ethernet Controller Series v1.24 (100710)
 - gPXE 1.0.0

New Fixes/Features:

- Fixed issue where operating system hangs with certain PCI recovery card installed.
- Fixed issue where system hangs at POST certain USB barcode scanner connected.
- Fixed issue where system cannot wake from S5 by timer after AC off.
- Updated USB code for native memory type.

BIOS Version 0098 - MWPNT10N.86A.0098.2011.1013.1200

About This Release:

- Date: October 13, 2011
- Integrated Graphics Option ROM: 2036 06/13/2010
- LAN Option ROM:
 - Realtek* PCI Express Gigabit Ethernet Controller Series v2.35 (100614)
 - Realtek PCI Express 10/100M Ethernet Controller Series v1.24 (100710)
 - gPXE 1.0.0

New Fixes/Features:

- Fixed issue where system resumes with PS/2 keyboard when set to Stay Off in BIOS.
- Updated USB code for memory type.
- Fixed issue where USB device shows in BIOS Boot menu when USB Boot is set to Disabled.
- Fixed issue where certain USB optical drive causes system to hang during POST.

BIOS Version 0089 - MWPNT10N.86A.0089.2011.0907.1600

About This Release:

- Date: September 7, 2011
- ROM Image Checksum: 0xBA85
- Integrated Graphics Option ROM: 2036 06/13/2010
- LAN Option ROM:
 - Realtek* PCI Express Gigabit Ethernet Controller Series v2.35 (100614)
 - Realtek PCI Express 10/100M Ethernet Controller Series v1.24 (100710)
 - gPXE 1.0.0

New Fixes/Features:

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- Fixed issue where certain USB keyboard does not work during POST.
- Fixed issue where no size information displays in setup when in AHCI mode.

BIOS Update 0086 - MWPNT10N.86A.0086.2011.0808.1700
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About This Release:

- Date: August 8, 2011
- Integrated Graphics Option ROM: 2036 06/13/2010
- LAN Option ROM:
 - Realtek* PCI Express Gigabit Ethernet Controller Series v2.35 (100614)
 - Realtek PCI Express 10/100M Ethernet Controller Series v1.24 (100710)
 - gPXE 1.0.0

New Fixes/Features:

- Fixed issue where Windows* memory diagnostic tool reports a hardware error when inserting or removing a USB device during test.
- Fixed blue screen error with Vista 32 Home Basic*.
- Fixed issue where certain USB barcode scanner causes system to hang during POST.

BIOS Version 0084 - MWPNT10N.86A.0084.2011.0726.1300

About This Release:

- Date: July 26, 2011
- Integrated Graphics Option ROM: 2036 06/13/2010
- LAN Option ROM:
 - Realtek* PCI Express Gigabit Ethernet Controller Series v2.35 (100614)
 - Realtek PCI Express 10/100M Ethernet Controller Series v1.24 (100710)
 - gPXE 1.0.0

New Fixes/Features:

- Fixed issue where LVDS cannot be enabled using the Intel® Integrator Toolkit in DOS.

BIOS Version 0083 - MWPNT10N.86A.0083.2011.0524.1600

About This Release:

- May 24, 2011.
- Integrated Graphics Option ROM: 2036 06/13/2010
- LAN Option ROM:
 - Realtek PCI Express Gigabit Ethernet Controller Series v2.35 (100614)
 - Realtek PCI Express 10/100M Ethernet Controller Series v1.24 (100710)
 - gPXE 1.0.0

New Fixes/Features:

- Fixed issue where setting User Access Level to "Full Access", pressing F7, F10, F12 still needs password input.

- Fixed issue where no warning message is displayed when downgrading BIOS.
- Fixed issue where "Clear User Password" option is not displayed when a user password has been set.
- Fixed issue where "User Access Level" changes when using F9 defaults.
- Fixed issue where system can't boot to the operating system when USB Port is set to "Enable USB Flash Drive Header and mPCIe only" in BIOS.
- Optimized POST time.
- Fixed SMBIOS MEMDAT issue.

BIOS Version 0080 - MWPNT10N.86A.0080.2011.0429.1630

About This Release:

- April 29, 2011.
- Integrated Graphics Option ROM: 2036 06/13/2010
- LAN Option ROM:
 - Realtek PCI Express Gigabit Ethernet Controller Series v2.35 (100614)
 - Realtek PCI Express 10/100M Ethernet Controller Series v1.24 (100710)
 - gPXE 1.0.0

New Fixes/Features:

- Fixed Wake On LAN (WOL) failure after AC power loss.

BIOS Version 0078 - MWPNT10N.86A.0078.2011.0325.1330

About This Release:

- March 25, 2011.
- Integrated Graphics Option ROM: 2036 06/13/2010
- LAN Option ROM:
 - Realtek* PCI Express Gigabit Ethernet Controller Series v2.35 (100614)
 - Realtek PCI Express 10/100M Ethernet Controller Series v1.24 (100710)
 - gPXE 1.0.0

New Fixes/Features:

- Fixed issue where insert key does not work.
- Fixed issue where system will not boot from a Linux* partition on USB flash devices.
- Increased Setup time and Data range.

BIOS Version 0074 - MWPNT10N.86A.0074.2010.1217.1730

About This Release:

- December 17, 2010.
- Integrated Graphics Option ROM: 2036 06/13/2010
- LAN Option ROM:
 - Realtek* PCI Express Gigabit Ethernet Controller Series v2.35 (100614)
 - Realtek PCI Express 10/100M Ethernet Controller Series v1.24 (100710)
 - gPXE 1.0.0

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New Fixes/Features:

- Updated legacy USB driver.
- Fixed beep/blink failure.
- Fixed Linux reboot failure.
- Fixed issue where SMBIOS shows error in memory configuration.
- Fixed issue where redundant characters show on the screen when pressing hotkeys.
- Fixed issue where DVD drive is not detected.

BIOS Version 0071 - MWPNT10N.86A.0071.2010.1111.1730

About This Release:

- November 11, 2010
- Integrated Graphics Option ROM: 2036 06/13/2010
- LAN Option ROM:
 - Realtek* PCI Express Gigabit Ethernet Controller Series v2.35 (100614)
 - Realtek PCI Express 10/100M Ethernet Controller Series v1.24 (100710)
 - gPXE 1.0.0

New Fixes/Features:

- Updated legacy USB driver.
- Fixed issue where PS/2 keyboard does not work in top green port.
- Fixed issue where Intel Precision Cooling items show in Intel® Integrator Toolkit though the BIOS doesn't support it.
- Updated PXE ROM to version 1.24.
- Updated VBIOS to version 2036.
- Disabled IGD when PCI VGA exists and the primary display adapter is set to external PCI Graphics.
- Fixed issue where Device Manager shows extra COM port.
- Fixed issue where UEFI boot fails with USB drive.
- Fixed issue where not all partitions are visible in BIOS with dual partitioned USB flash drive.
- Fixed issue where COM1 and COM2 are reversed in Device Manager.
- Fixed issue where second recovery fails.
- Fixed issue where MTRR table changes sometimes under Dos.

BIOS Version 0069 - MWPNT10N.86A.0069.2010.0913.1432

About This Release:

- September 13, 2010
- Integrated Graphics Option ROM: 2001 PC 14.34 03/01/2010
- LAN Option ROM:
 - Realtek* PCI Express Gigabit Ethernet Controller Series v2.35 (100614)
 - Realtek PCI Express 10/100M Ethernet Controller Series v1.23 (100728)
 - gPXE 1.0.0

New Fixes/Features:

- Enabled LVDS in MFG mode.

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BIOS Version 0068 - MWPNT10N.86A.0068.2010.0902.1442

About This Release:

- September 2, 2010
- Integrated Graphics Option ROM: 2001 PC 14.34 03/01/2010
- LAN Option ROM:
 - Realtek* PCI Express Gigabit Ethernet Controller Series v2.35 (100614)
 - Realtek PCI Express 10/100M Ethernet Controller Series v1.23 (100728)
 - gPXE 1.0.0

New Fixes/Features:

- Added support for Raw Card Type F memory.
- Fixed issue where bootable devices except Hard Disk Drive disappear in Intel® Integrator Assistant boot order.
- Fixed BIOS display issue where CPU Family shows Other Family CPU instead of Atom CPU.
- Fixed issue where Synch string not shown when DIMM slot is empty.
- Fixed issue where system will not display "NO BOOTABLE DEVICE" if installing operating system in UEFI mode then setting UEFI boot to disabled.
- Fixed issue where USB Flash ZIP cannot be controlled by ZIP emulate BIOS setting.
- Fixed BIOS display issue of L2 cache size (2x or 4x).
- Fixed issue where unsupported items appear in the Intel® Integrator Toolkit (ITK) map file.
- Fixed issue where Chipset Configuration is not present in ITK.
- Updated PXE ROM.

BIOS Version 0049 - MWPNT10N.86A.0049.2010.0607.1105

About This Release:

- June 7, 2010
- Integrated Graphics Option ROM: 2001 PC 14.34 03/01/2010
- LAN Option ROM:
 - Realtek* PCI Express Gigabit Ethernet Controller Series v2.34 (100320)
 - Realtek PCI Express 10/100M Ethernet Controller Series v1.22 (100316)
 - gPXE 1.0.0

New Fixes/Features:

- Initial production BIOS release

Known Errata:

- BIOS version 0049 does not support Raw Card Type F memory.

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