



BIOS Update Release Notes

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

BIOS Update 0086 - MWPNT10N.86A.0086.2011.0808.1700

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

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)

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

- o gPXE 1.0.0

New Fixes/Features:

- Enabled LVDS in MFG mode.

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:
 - o Realtek* PCI Express Gigabit Ethernet Controller Series v2.35 (100614)
 - o Realtek PCI Express 10/100M Ethernet Controller Series v1.23 (100728)
 - o 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:
 - o Realtek* PCI Express Gigabit Ethernet Controller Series v2.34 (100320)
 - o Realtek PCI Express 10/100M Ethernet Controller Series v1.22 (100316)
 - o gPXE 1.0.0

New Fixes/Features:

- Initial production BIOS release

Known Errata:

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

LEGAL INFORMATION

Information in this document is provided in connection with Intel Products and for the purpose of supporting Intel developed server/desktop boards and systems.

No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in Intel's Terms and Conditions of Sale for such products, Intel assumes no liability whatsoever, and Intel disclaims any express or implied warranty, relating to sale and/or use of Intel products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright or other intellectual property right. Intel Corporation may have patents or pending patent applications, trademarks, copyrights, or other intellectual property rights that relate to the presented subject matter. The furnishing of documents and other materials and information does not provide any license, express or implied, by estoppel or otherwise, to any such patents, trademarks, copyrights, or other intellectual property rights. Intel products are not intended for use in medical, life saving, or life sustaining applications. Intel may make changes to specifications and product descriptions at any time, without notice.

Intel is a trademark of Intel Corporation in the US and other countries.
Copyright (c) 2010 Intel Corporation.