

Product Change Notification



Change Notification # 2012020601B

BIOS Update for CECx-11

Initial Release Date: 2012 February 6
Last Revision Date: 2014 March 13
Change Type: BIOS/Firmware Change
Affected Product Family: CEC (Compact Embedded Computers)
Reason for Change: BIOS Update to V1.11
Anticipated impact on Form, Fit and Function: Minor impact anticipated
Anticipated impact on Quality or Reliability: Improved Quality and Reliability anticipated
Customer contact: info@mpl.ch

Detailed Description of Change

The affected products receive a new BIOS release (V1.11). See the 'BIOS Release Notes' section below for a detailed overview of the changes.

Affected Products List

Sales Part#	MPL Manufacturing Part#	MPL Component Stock#	Replacement Part#
CEC6-11	MED-10414-003 [A, B, C]	-	-
CEC7-11	MED-10414-001 [A, B, C, D, E]	-	-

PCN Revision History

Revision	Date	Description
A	2012-02-06	Initial Release
B	2014-03-13	Reflect BIOS V1.11

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Written	Date 06/02/12	Visa MW	PCN # 2012020601B	Rev. B

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BIOS Release Notes

BIOS Version: 1.11

Information:

- **Build date:** 03/12/14 (mm/dd/yy)
- **BIOS No:** MEV-10121-001
- **Core BIOS:** Phoenix® Embedded BIOS® w/StrongFrame® Technology, V6.907
- **VGA BIOS:** Intel® SCH Chipset VGA BIOS Build 0017
- **PXE Boot ROM:** Intel® Boot Agent GE v1.3.72

Features & Fixes:

- Improved detection of SSD drives

BIOS Version: 1.10

Information:

- **Build date:** 02/06/12 (mm/dd/yy)
- **BIOS No:** MEV-10121-001
- **Core BIOS:** Phoenix® Embedded BIOS® w/StrongFrame® Technology, V6.907
- **VGA BIOS:** Intel® SCH Chipset VGA BIOS Build 0017
- **PXE Boot ROM:** Intel® Boot Agent GE v1.3.72

Features & Fixes:

- SATA drive handling reworked (Option ROM removed, configurable mode (IDE/AHCI), configurable port mapping)
- Use TSEG memory region for SMM
- HPET support added
- MCFG ACPI table added
- SMBIOS information expanded
- Cleanup for BIOS setup
- Added support for CPU power state C2
- Bugfix PNP protected mode entrypoint
- Bugfix ATA geometry calculation
- Other enhancements

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