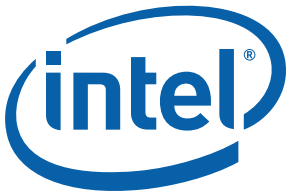

Intel NetStructure® MPCBL0020 Single Board Computer and Intel NetStructure® MPRTM0020 Rear Transition Module

Firmware Compatibility and Validation Matrix

May 2007

Order Number: 316294-002

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Revision History

Date	Revision	Description
May 2007	002	Added May 2007 bundle. Updated filenames for November 2006 and October 2006 bundles. Deleted May 2006 bundle.
February 2007	001	Initial published release

Overview

This document contains the firmware compatibility matrix for the Intel NetStructure® MPCBL0020 Single Board Computer (SBC) and associated Intel NetStructure® MPRTM0020 Rear Transition Module (RTM). Firmware is released as a "bundle", which is a specific combination of firmware that has been validated by Intel to work together. The firmware bundle includes the BIOS, IPMC firmware, FRU, SDR, utilities, and so on.

Only firmware combinations that are part of a bundle are supported. Customers reporting defects on non-supported firmware combinations are expected to reproduce defects on a supported bundle before submitting issues to Intel.

Note: (NEW) indicates a newer version has been incorporated in this bundle as compared to the previous firmware bundle.

List of Acronyms

The following is a list of acronyms used in this document:

- BIOS = Basic Input/Output System
- FRU = Field Replaceable Unit
- IPMC = Intelligent Platform Management Controller
- MMC = Module Management Controller
- RTM = Rear Transition Module
- SBC = Single Board Computer
- SAS = Serial Attached SCSI
- SCSI = Small Computer System Interface
- SDR = Sensor Device Record

Firmware Release Bundles

This chapter provides details of the firmware bundles for the Intel NetStructure® MPCBL0020 Single Board Computer (SBC) and the associated Intel NetStructure® MPRTM0020 Rear Transition Module (RTM).

May 2007 Firmware Release Bundle

Release Method: This firmware is available from the web only at: http://www.intel.com/design/telecom/products/cbp/atca/9633/tools.htm

Table 1 shows the firmware component versions in the May 2007 bundle.

Table 1. Firmware component versions in May 2007 bundle

Component	Version	Package File Name
MPCBL0020 SBC		
BIOS	P12-0022	MPCBL0020_FW_May_2007.zip
IPMC Boot Block	1.06	MPCBL0020_FW_May_2007.zip
IPMC Firmware	1.25.04 (NEW)	MPCBL0020_FW_May_2007.zip
IPMC FRU	1.05	MPCBL0020_FW_May_2007.zip
IPMC SDR	1.11 (NEW)	MPCBL0020_FW_May_2007.zip
SAS Controller BIOS	06.08.05	Please request from Technical Marketing Engineer
SAS Controller Firmware	0.06.08.00	Please request from Technical Marketing Engineer
Sbcutils	1.3.2.-2 (NEW)	MPCBL0020_MPCBL0040_SBC_Utilities_1.3.2-2.zip
Flashlnx BIOS upgrade tool	0.96	MPCBL0020_FW_May_2007.zip
Flashdos BIOS upgrade tool	0.96	MPCBL0020_FW_May_2007.zip
MPRTM0020 RTM		
FRU	1.24	MPCBL0020_FW_May_2007.zip

November 2006 Firmware Release Bundle

Release Method: This firmware is available from the web only at:
http://www.intel.com/design/telecom/products/cbp/atca/9633/tools.htm

Table 2 shows the firmware component versions in the November 2006 bundle.

Table 2. Firmware component versions in November 2006 bundle

Component	Version	Package File Name
MPCBL0020 SBC		
BIOS	P12-0022 (NEW)	MPCBL0020_FW_November_2006.zip
IPMC Boot Block	1.06	MPCBL0020_FW_November_2006.zip
IPMC Firmware	1.24.01 (NEW)	MPCBL0020_FW_November_2006.zip
IPMC FRU	1.05	MPCBL0020_FW_November_2006.zip
IPMC SDR	1.08	MPCBL0020_FW_November_2006.zip
SAS Controller BIOS	06.08.05	Please request from Technical Marketing Engineer
SAS Controller Firmware	0.06.08.00	Please request from Technical Marketing Engineer
Sbcutils	1.3.1-1	MPCBL0020_MPCBL0040_SBC_Utilities_1.3.1-1.zip
Flashlnx BIOS upgrade tool	0.96	MPCBL0020_FW_November_2006.zip
Flashdos BIOS upgrade tool	0.96	MPCBL0020_FW_November_2006.zip
MPRTM0020 RTM		
FRU	1.24	MPCBL0020_FW_November_2006.zip

October 2006 Firmware Release Bundle

Release Method: This firmware is available from the web only at:
http://www.intel.com/design/telecom/products/cbp/atca/9633/tools.htm

Table 3 shows the firmware component versions in the October 2006 bundle.

Table 3. Firmware component versions in October 2006 bundle

Component	Version	Package File Name
MPCBL0020 SBC		
BIOS	P11-0021 (NEW)	MPCBL0020_FW_October_2006.zip
IPMC Boot Block	1.06 (NEW)	MPCBL0020_FW_October_2006.zip
IPMC Firmware	1.23.01 (NEW)	MPCBL0020_FW_October_2006.zip
IPMC FRU	1.05 (NEW)	MPCBL0020_FW_October_2006.zip
IPMC SDR	1.08 (NEW)	MPCBL0020_FW_October_2006.zip
SAS Controller BIOS	06.08.05 (NEW)	Please request from Technical Marketing Engineer
SAS Controller Firmware	0.06.08.00	Please request from Technical Marketing Engineer
Sbcutils	1.3.1-1 (NEW)	MPCBL0020_MPCBL0040_SBC_Utilities_1.3.1-1.zip
Flashlnx BIOS upgrade tool	0.96	MPCBL0020_FW_October_2006.zip
Flashdos BIOS upgrade tool	0.96	MPCBL0020_FW_October_2006.zip
MPRTM0020 RTM		
FRU	1.24 (NEW)	MPCBL0020_FW_October_2006.zip

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