

BIOS Revision Notes

Target Board-Name: EPX-C380
Target Board-Number: 380
Initial Release Date: 8-16-11

Change History Log:

Note: The Min. PCB Rev Rqd field specifies the minimum PCB Revision and assumes all current ECO's have been applied.

Date	Time	Version	CKSM	(Min. PCB Rev Rqd)	Description
08/16/2011	12:14:45	38011228	0x4D93	A	Original Release
08/22/2011	02:05:51	38011234	0x387D	A	Fixed Windows restore issue with audio CODECs Restored combined mode in ACPI code Altered ATA default time-out values
08/26/2011	03:49:12	38011238	0x8484	A	Fixed SATA/IDE conflict in Combined Mode Shrunk LPC decode ranges due to secondary IDE Fixed PXE boot disable Super I/O address of 0178h
08/30/2011	03:47:15	38011242	0xBF4D	A	Super I/O address of 0298h I/O LPC decode ranges change based on SATA configuration
09/15/2011	10:03:06	38011257	0x2ECA	A	Fixed LAN disable feature Fixed DOS 6.22 boot in Enhanced mode
10/06/2011	10:44:39	38011279	0x60AE	A	ECO #11-106 Hard code PCIe ports - ignore CMOS values Checksum verification before using int. LAN CMOS value Default boot order changed - SATA before IDE Reserved IRQ10 being used by DIO Changed PCI_SUB_SLOT_DESC values for PCIe buses Fixed CF issue caused by stack patch from Phoenix Added BIOS version to DMI structures
10/25/2011	16:58:57	38011298	0x6563	A	Added COM/LPT ACPI code to handle resources Fixed negative temperature display issue Fixed PIT issue when splash screen is enabled

01/19/2012	15:58:46	38012019	0x5812	A	<p>ECO #12-15 Enabled SATA Port 2 for PCB Rev B Changed dedicated IRQ for IDE PCI function Restored most FDISK delays to 8235h Periodic SMI set for 1 second Disabled all PCI SERR# bits Fixed HDD displays for different modes Changed PCI IRQ priorities Reduced decode ranges in Enhanced mode Force WD M/S register to minutes</p>
04/03/2012	15:36:16	38012094	0xA05A	A	<p>ECO #12-66 Fixed QNX boot issue Boot order edited - USB_HDD and USB_KEY increased String script changed to use video.str in OVR New bios.bat checks FPGA revision before flash</p>
08/16/2012	10:56:49	38012216	0x2861	A	<p>ECO #12-97 Fixed CF uDMA issue Restored bios.bat to original flash method</p>
09/19/2012	15:49:31	38012263	0x4612	A	<p>ECO #12-111 Added Mutex to ACPI thermal control - fan was losing sync with ACPI code</p>
11/05/2012	08:04:06	38012304	0x7569	A	<p>ECO #12-125 New VBIOS - backlight frequency changed Changed fan behavior - EMC2113 Look-Up Table will be used unless ACPI O/S is used</p>
11/04/2013	15:28:46	38013308	0x2314	A	<p>Added EMC2113 initialization ECO #13-92 New VBIOS - added 1280x1024 LVDS support Fixed G3 power state transition bug Edited SIO ACPI code - returns 0 instead of 0x0D Fixed F2 key BIOS setup issue, retained beep codes Added BIOS revision to main BIOS display Moved SIO revision to main BIOS display</p>
04/17/2014	17:18:40	38014107	0x5D50	A	<p>ECO #14-40 Fixed A2 CFAST identification issue C-States disabled by default Changed help text for Thermal Monitor + DTS</p>
10/06/2015	10:26:59	38015279	0x6BAD	A	<p>ECO #15-34 Set default Processor Power Management to 'GV3 Only' Added CPUID fix for 'Cores = D' error</p>
02/02/2016	15:59:56	38016032	0xB4C4	A	<p>ECO #16-11 Fixed cold boot RTC issue</p>
04/05/2016	14:14:44	38016096	0xE2F7	A	<p>ECO #16-22 Fixed bug in cold boot RTC issue "fix"</p>