

## IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>X11SPL-F</b>
<b>Release Version</b>	<b>2.0</b>
<b>Release Date</b>	<b>11/29/2017</b>
<b>Previous Version</b>	<b>1.0</b>
<b>Update Category</b>	<b>Critical</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<b>N/A</b>
<b>Enhancements</b>	<ol style="list-style-type: none"><li>1. Changed BIOS revision to 2.0.</li><li>2. Updated 5.12_PurleyCrb_0ACFD084_BETA for Purley Skylake platform PLR 3.1.</li><li>3. Updated CPU microcode SRV_P_214 for Skylake-EP H0/M0/U0 stepping CPUs.</li><li>4. Updated SPS XML setting for SPS 4.0.4.294.</li><li>5. Enabled display of EarlyVideo message by onboard video when VGA Priority is set to Offboard.</li><li>6. Updated BMC LAN configuration for saving settings of BIOS setup menu.</li><li>7. Updated help string for tCCD relax setup option.</li><li>8. Corrected help string of setup item "Enforce POR".</li><li>9. Updated new MRC error log definition.</li></ol>

	<p>10. Allowed runtime memory UCE mapout message to be displayed one time during BIOS POST.</p> <p>11. Masked off PCIe correctable and non-fatal errors.</p> <p>12. Moved Run Sure item to Memory RAS Configuration setup page.</p> <p>13. Updated SATA RAID OPROM/EFI driver to RSTe PreOS v5.3.0.1052.</p> <p>14. Added support for AOC-SLG3-2M2 card.</p> <p>15. Hid memory frequency 2200 and 2600.</p>
New features	<p>1. Removed support for Ctrl+home triggering recovery.</p> <p>2. Set display of setup option for always turbo mode function as default.</p> <p>3. Added the "PEI--IPMI Initialization" Post-Help message.</p> <p>4. Added Run Sure setup item.</p> <p>5. Set message "BIOS cannot support downgrade to previous version or ROMID mismatch" to show when trying to downgrade BIOS or flash other model of BIOS.</p>
Fixes	<p>1. Fixed failure of Password Preservation Test due to password not being preserved.</p> <p>2. Fixed problem of "Correctable, Non-Fatal and Fatal" error reporting flags being disabled on "Infiniband controller: Mellanox Technologies MT27700 Family [ConnectX-4]" when "PCI PERR/SERR Support" is enabled.</p> <p>3. Fixed failure of setup item "Install Windows 7 USB support".</p> <p>4. Fixed problem of the string of "Error DIMM information" on screen being corrupted when equipping failed DIMM.</p> <p>5. Fixed problem of system sometimes hanging at post code B2 when running Cburn ONOFF.</p> <p>6. Fixed inability to enter setup menu when pressing "DEL" key if there is no boot device.</p> <p>7. Fixed problem of SUM GetDmiInfo command error "Invalid DMI information from BIOS" occurring.</p>

	<p><b>8. Fixed failure of SMBIOS Type 20 to fill Interleave Position and Interleaved Data Depth correctly.</b></p> <p><b>9. Corrected Hynix DIMM info as "SK Hynix".</b></p> <p><b>10. Fixed problem of IPMI SEL logging "Memory training failure." and "No memory DIMM detected, install memory DIMMs." twice per reboot.</b></p> <p><b>11. Fixed problem of TPM 1.2 PS index not being Write-Protected so that the content of TPM 1.2 PS index still can be modified after TPM 1.2 is nvLocked.</b></p> <p><b>12. Corrected the "Save Changes" setup option string in "Save &amp; Exit" menu.</b></p> <p><b>13. Fixed problem of system generating abnormal strings under DOS after triggering SERR or PERR error event in PCH slot.</b></p> <p><b>14. Fixed problem of system hanging when using AFUWIN/AFULNX to flash BIOS under OS.</b></p> <p><b>15. Fixed problem of DMI clearing when running SUM LoadDefaultBiosCfg.</b></p>
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