

# IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>X11SPG-TF</b>
<b>Release Version</b>	<b>2.0a</b>
<b>Release Date</b>	<b>12/6/2017</b>
<b>Previous Version</b>	<b>1.0a</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>	<b>1. Updated CPU microcode SRV_P_217 for Skylake-EP H0/M0/U0 stepping CPUs. 2. Enabled IERR crash dump function. 3. Updated CPU microcode SRV_P_214 for Skylake-EP H0/M0/U0 stepping CPUs. 4. Updated 5.12_PurleyCrb_0ACFD084_BETA for Purley Skylake platform PLR 3.1. 5. Updated SPS 4.00.04.294 PLR 3.1 PV version.</b>
<b>New features</b>	<b>1. Added UIO LAN control function. 2. Implemented SMC OOB TPM Provisioning via IPMI Feature for customized provisioning table.</b>
<b>Fixes</b>	<b>1. Fixed problem of some platforms hanging up at POST code 0xB2 when equipping dTPM module.</b>

	<p><b>2. Fixed problem of DMI being cleared when SUM LoadDefaultBiosCfg is run.</b></p> <p><b>3. Fixed problem of system rebooting endlessly when equipping dTPM module.</b></p> <p><b>4. Fixed problem of TPM 2.0 PS NV Index not being write-protected even if customized provisioning table indicates that it must be write-protected when using "SMC OOB TPM Provisioning via IPMI feature".</b></p> <p><b>5. Fixed problem of system hanging during BIOS flashing if Watch Dog function is enabled.</b></p> <p><b>6. Corrected the "Save Changes" setup option string in "Save &amp; Exit" menu.</b></p> <p><b>7. Disabled SNC once NVDIMM is present in system.</b></p> <p><b>8. Fixed problem of changes to CPU core Enable/Disable in setup menu sometimes not taking effect on Windows OS.</b></p> <p><b>9. Fixed problem of system generating abnormal strings under DOS after triggering SERR or PERR error event in PCH slot.</b></p>
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