

## IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>X11SPi-TF</b>
<b>Release Version</b>	<b>2.0b</b>
<b>Release Date</b>	<b>02/26/2018</b>
<b>Previous Version</b>	<b>2.0a</b>
<b>Update Category</b>	<b>Critical</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<b>None</b>
<b>Enhancements</b>	<ol style="list-style-type: none"><li>1. Updated CPU microcode to address 'Spectre' variant 2 (CVE 2017-5715) security issue.</li><li>2. Added setup item "SmcBusMasterEn" for enabling Parent bridge of the devices in the gSmcPciForceEnableBusMasterList.</li><li>3. Updated Purley RC 151.R03.</li><li>4. Displayed setup item "ACS Control" to Enable/Disable PCIe Access Control Services Extended Capability, with Enabled as default.</li></ol>
<b>New features</b>	<ol style="list-style-type: none"><li>1. Changed RC default setting to upgrade POST Memory correctable error to uncorrectable error and map out the channel.</li></ol>
<b>Fixes</b>	<ol style="list-style-type: none"><li>1. Fixed problem of DMI being cleared when running SUM LoadDefaultBiosCfg.</li><li>2. Disabled CPU2 IIO PCIe root port ACPI hot plug function.</li><li>3. Fixed issue with IPMI force boot.</li></ol>

	<p><b>4. Fixed problem of SMC skipping first boot option in UEFI mode when retrying boot.</b></p> <p><b>5. Fixed inability to reset the system under DOS by pressing "Ctrl-Alt-Del" on USB keyboard when "Port 60/64 Emulation" is disabled.</b></p> <p><b>6. Fixed inability of some CPUs to display correct microcode revision under BIOS setup menu.</b></p>
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