

## IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>X11DPH-I/T/TQ</b>
<b>Release Version</b>	<b>2.0b</b>
<b>Release Date</b>	<b>02/27/2018</b>
<b>Previous Version</b>	<b>2.0</b>
<b>Update Category</b>	<b>Critical</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<b>None</b>
<b>Enhancements</b>	<b>1. Implemented enhancement to address ‘Spectre’ variant 2 (CVE 2017-5715) security patch issue.</b> <b>2. Added setup item "SmcBusMasterEn" for enabling Parent bridge of the devices in the gSmcPciForceEnableBusMasterList.</b> <b>3. Updated Purley RC 151.R03.</b> <b>4. Updated BIOS ACM 1.3.5 and SINIT ACM 1.3.3.</b> <b>5. Changed PCH uplink CTLE/VGA/TSM SI setting to [4,10,32].</b>
<b>New features</b>	<b>1. Changed RC default setting to upgrade POST Memory correctable error to uncorrectable error and map out the channel.</b>
<b>Fixes</b>	<b>1. Fixed problem of DMI being cleared when running SUM LoadDefaultBiosCfg.</b> <b>2. Disabled CPU2 IIO PCIe root port ACPI hot plug function.</b> <b>3. Fixed issue with IPMI force boot.</b>

	<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> <p><b>7. Fixed problem of system hanging during BIOS flashing if Watch Dog function is enabled.</b></p> <p><b>8. Fixed problem of the system not logging memory errors upon injection without rebooting.</b></p> <p><b>9. Fixed inability of BIOS to boot into OS with Intel P3608 PCIe NVMe drive installed.</b></p>
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