IPMI Firmware / BIOS Release Notes Form

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

	4. Fixed problem of SMC skipping first boot option in UEFI mode when retrying boot.
	5. Fixed inability to reset the system under DOS by pressing "Ctrl-Alt-Del" on USB keyboard when "Port 60/64 Emulation" is disabled.
	6. Fixed inability of some CPUs to display correct microcode revision under BIOS setup menu.
	7. Fixed problem of system hanging during BIOS flashing if Watch Dog function is enabled.
	8. Fixed problem of the system not logging memory errors upon injection without rebooting.
	9. Fixed inability of BIOS to boot into OS with Intel P3608 PCIe NVMe drive installed.