IPMI Firmware / BIOS Release Notes Form

Product Name	**X11DPL-i**
Release Version	**2.1**
Release Date	**6/15/2018**
Previous Version	**2.0b**
Update Category	**Critical**
Dependencies	**N/A**
Important Notes	**ECO #21126** **BIOS Image X11DPLI_8.615** **Please update BIOS with attached Flash Utility in package.**
Enhancements	1. **Updated CPU microcode to address 'Spectre' derivatives (CVE-2018-3639 & CVE-2018-3640) security issue.** 2. **Changed BIOS version to 2.1.** 3. **Updated Purley RC 154.R13, SPS 4.0.04.340 and ACM 1.3.7, SINIT ACM 1.3.4.** 4. **Updated SATA RAID OPROM/EFI driver to RSTe PreOS v5.4.0.1039.** 5. **Added BIOS/ME downgrade check for SPS 4.0.4.340.** 6. **Added support for UEFI mode PXE boot of F12 hot key Net boot.** 7. **Added one event log to record that the event log is full.** 8. **Displayed PPR setup item.** 9. **Added support for SATA FLR.**
New features	**N/A**
Fixes	1. **Fixed problem of SUM GetSataInfo showing incorrect "Configuration Type" when setting "Configure sSATA as" to "AHCI" or "RAID" on sSATA controller.** 2. **Fixed problem of Ctrl + Alt + Del causing system to hang after flashing BIOS.** 3. **Fixed problem of system hanging when installing Linux OS after COM1 & COM2 IO/IRQ exchange.** 4. **Rolled back SVN_3413 to fix failure of WDT function.**

2.0b (3/6/2018)

1. *Updated CPU microcode SRV_B_216 for Skylake-SP H0/M0/U0 stepping CPUs to address 'Spectre' variant 2 (CVE 2017-5715) security issue.*
2. *Changed BIOS version to 2.0b.*
3. *Updated 5.12_PurleyCrb_0ACFD085Beta for Purley Skylake platform PLR 4, BKC WW02.*
4. *Displayed setup item "ACS Control" to Enable/Disable PCIe Access Control Services Extended Capability, with Enabled as default.*
5. *Updated BIOS ACM 1.3.5 and SINIT ACM 1.3.3.*
6. *Disabled CPU2 IIO PCIe root port ACPI hot plug function.*
7. *Fixed IPMI force boot issue.*
8. *Fixed malfunction of "SMBIOS Preservation" Disabled.*
9. *Fixed problem of SMC skipping first boot option in UEFI mode when retrying boot.*
10. *Fixed inability to reset the system under DOS by pressing "Ctrl-Alt-Del" on USB keyboard when "Port 60/64 Emulation" is disabled.*
11. *Fixed inability of some CPUs to display correct microcode revision under BIOS setup menu.*
12. *Hid unused items "Onboard NVME1\2 Option ROM" in BIOS setup menu.*
13. *Fixed inability of IPMI Web to report correct information for customer PSU "GW-ERP1U450-2H".*

2.0 (11/29/2017)

1. *Changed BIOS revision to 2.0.*
2. *Updated SATA RAID OPROM/EFI driver to RSTe PreOS v5.3.0.1052.*
3. *Updated BIOS ACM 1.3.4.*
4. *Updated SPS to 4.0.4.294.*
5. *Updated CPU microcode SRV_P_214 for Skylake-EP H0/M0/U0 stepping CPUs.*
6. *Updated 5.12_PurleyCrb_0ACFD084_BETA for Purley Skylake platform PLR 3.1*
7. *Fixed problem of SNC being disabled once NVDIMM is present in system.*
8. *Fixed problem of DMI being cleared when SUM LoadDefaultBiosCfg is run.*