

IPMI Firmware / BIOS Release Notes Form

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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 OPRM/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.*