

IPMI Firmware / BIOS Release Notes Form

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Product Name	X11DPU-V
Release Version	3.1
Release Date	05/13/2019
Previous Version	3.0b
Update Category	Critical
Dependencies	None
Important Notes	None
Enhancements	<ol style="list-style-type: none">1. Added support for Purley Refresh platform.2. Enhanced BIOS setup menu to auto-switch the Option ROM's value and hide the unexpected value when boot mode changes.3. Updated to SPS 4.0.04.381 or above for INTEL-SA-00213 Security Advisory.4. Updated Skylake-SP/Cascade Lake-SP CPU microcode.5. Updated Intel BKCWW16 2019 PV PLR1.6. Updated SPS_E5_04.01.04.296.0 from BKC WW16 2019.7. Updated EIP467272 for AMI SA50069, SA50070.8. Set SDDC Plus One or SDDC to disabled by default.9. Updated SATA/sATA RAID OPROM/EFI driver to VROC PreOS v6.1.0.1017.10. Set Leaky Bucket that can decrease one memory correctable error count within 2.15 minutes with threshold 512.

New features	N/A
Fixes	<ol style="list-style-type: none"> 1. Fixed problem of UUID showing IPMI MAC incorrectly after disabling onboard LAN chip. 2. Temporarily fixed error for SKX (CLX) 4114 CPU memory training with Micron (18ASF2G72PDZ-2G6E1) RDIMM. 3. Fixed failure to boot into VMware OS when set to Maximum Performance even if Monitor/MWAIT is enabled. 4. Fixed problem of system halting or rebooting at POST code 0xB2 or 0x92 when total GPT partition number is more than 256 and RSD is enabled. 5. Fixed inability to change IPv6 address or IPv6 Router1 IP address.

Release Notes from Previous Release(s)

3.0b(03/04/2018)

1. Supported Purley Refresh platform.
2. Update SATA RAID OPROM/EFI driver to RSTe PreOS v6.0.0.1024.
3. Set BMC MAC Address to UUID for system without onboard LAN1 or with onboard LAN1 disabled.
4. To disable pcie correctable and uncorrectable(non fatal) error report by default.
Will enable it with AERON(PCI AER Support).
5. Support RFC4122 UUID format feature, RFC4122 encoding from build time produced by IPMICFG 1.29 tool or newer version.
6. Update CPU microcode SRV_P_262 for Skylake-SP H0/M0/U0 CPUs.
7. Disable unused SPS ME "CUPS IIO" and "Volumetric Airflow" sensor.
8. Add 2933 to memory POR.
9. Support Linux built-in utility efibootmgr.
10. Update IPMI setup item VLAN ID valid range to 1~4094. (refer IEEE 802.1q standard).
11. Add driver health warning message.
12. Set NVDIMM ADR timeout to 600us.
13. Updated to SPS 4.1.02.174 or above for INTEL-SA-00185 Security Advisory. Updated to RC 549.D13 or above for INTEL-SA-00192 Security Advisory.
14. Fixed setup item "Quiet Boot" will keep enabled after flash BIOS which has "Quiet Boot" disabled.
15. Fixed PBF high frequency core number incorrect when Hyper-Threading disabled.
16. Workaround for BIOS flash fail with 156 bytes PubKey(Error: "Secure Flash Rom Verify Fail").
17. Modify UEFI network description as IPv4/IPv6 to follow Industry Standard.
18. Patched system hang 0x94 when plug NVIDIA Tesla T4 card.

1.0 (11/12/2018)

1. First Release.