IPMI Firmware / BIOS Release Notes Form

Product Name	**X11DPU**
Release Version	**3.0c**
Release Date	**03/27/2019**
Previous Version	**3.0b**
Update Category	**Critical**
Dependencies	**None**
Important Notes	**None**
Enhancements	**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.**
New features	**N/A**
Fixes	**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.**

3.0b (03/04/2019)

1. Added support for Purley Refresh platform.
2. Added support for Linux built-in utility efibootmgr.
3. Updated valid range of IPMI setup item VLAN ID to 1-4094.
4. Set NVDIMM ADR timeout to 600us.
5. Added driver health warning message.
6. Updated to SPS 4.1.02.174 or above for INTEL-SA-00185 Security Advisory and RC 549.D13 or above for INTEL-SA-00192 Security Advisory.
7. Modified UEFI network description to IPv4/IPv6 to follow Industry Standard.
8. Patched problem of system hanging at 0x94 when plugging in Nvidia Tesla T4 card.

3.0a (12/21/2018)

1. Added support for Purley Refresh platform.
2. Updated 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. Set PCIe correctable and uncorrectable (non-fatal) error report to disabled by default.
5. Set RFC4122 encoding to only be enabled for build time produced by IPMI 1.29 or newer.
6. Updated CPU microcode SRV_P_262 for Skylake-SP H0/M0/U0 CPUs.
7. Disabled unused SPS ME "CUPS IIO" and "Volumetric Airflow" sensor.
8. Added 2933 to memory POR.
9. Added support for SATA FLR.
10. Added support for Monitor Mwait feature.
11. Disabled "tRWSR Relaxation" by default.
12. Fixed problem of setup item "Quiet Boot" staying enabled after flashing BIOS with "Quiet Boot" disabled.
13. Added workaround for GPU P2P low bandwidth.
14. Fixed malfunction of disabling Watch Dog while flashing BIOS under OS.
15. Corrected standard NVDIMM ADR time.
16. Fixed failure of CPU PBF (Prioritized Base Frequency).

2.1b (10/16/2018)

1. Added SATA FLR support.
2. Added support for Monitor Mwait feature.
3. Updated SPS 4.0.4.393.
4. Updated CPU microcode SRV_P_253 for Skylake-SP H0/M0/U0 stepping CPUs.
5. Updated SATA RAID OPROM/EFI driver to RSTe PreOS v5.5.0.1028.
6. Updated BIOS ACM 1.3.9 and SINIT ACM 1.3.6.
7. Changed Onboard LAN SMBIOS table from type 9 to type 41.
8. Fixed problem of BIOS always retrying boot when Re-Try Boot is Disabled.
9. Fixed malfunction of LEGACY to EFI support.

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Product Manager   *Date*