

# IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>X11DPT-L</b>
<b>Release Version</b>	<b>3.0c</b>
<b>Release Date</b>	<b>3/27/2019</b>
<b>Previous Version</b>	<b>2.2</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<b>None</b>
<b>Enhancements</b>	<b>1. Added support for Purley Refresh platform. 2. Enhanced BIOS setup menu to switch the boot mode value and Option ROM's values when CSM support is disabled and applied this to enabled secure boot mode case. 3. Enhanced BIOS setup menu to auto-switch the Option ROM's value and hide the unexpected value when boot mode changes. 4. Updated SATA RAID OPROM/EFI driver to RSTe PreOS v6.0.0.1024. 5. Set PCIe correctable and uncorrectable (non-fatal) error report to disabled by default. 6. Added support for RFC4122 UUID format feature to set RFC4122 encoding from build time produced by IPMICFG 1.29 tool or newer. 7. Updated CPU microcode SRV_P_262 for Skylake-SP H0/M0/U0 CPUs.</b>

	<p>8. Disabled unused SPS ME "CUPS IIO" and "Volumetric Airflow" sensor.</p> <p>9. Added 2933 to memory POR.</p> <p>10. Added support for Linux built-in utility efibootmgr.</p> <p>11. Updated valid range of IPMI setup item VLAN ID to 1-4094.</p> <p>12. Added driver health warning message.</p> <p>13. Set NVDIMM ADR timeout to 600µs.</p> <p>14. Prevented inability to flash BIOS by AFU or SUM in-band when JPME2 CMOS value is not excepted.</p> <p>15. Added a help/reminder message to appear when user incorrectly selects "EFI" for "Onboard Video Option ROM" but boots to legacy.</p> <p>16. Updated to SPS 4.1.02.174 or above for INTEL-SA-00185 Security Advisory and to RC 549.D13 or above for INTEL-SA-00192 Security Advisory.</p> <p>17. Added support for Cascade Lake CPU.</p> <p>18. Updated to SPS 4.0.04.381 or above for INTEL-SA-00213 Security Advisory.</p>
New features	N/A
Fixes	<p>1. Applied workaround for inability of SUM to get full setting of IODC setup item.</p> <p>2. Fixed problem of setup item "Quiet Boot" staying enabled after flashing BIOS with "Quiet Boot" disabled.</p> <p>3. Added workaround for failure of BIOS flash with 156 bytes PubKey (Error: "Secure Flash Rom Verify Fail").</p> <p>4. Modified UEFI network description to IPv4/IPv6 to follow Industry Standard.</p> <p>5. Patched problem of system hanging at 0x94 when plugging in Nvidia Tesla T4 card.</p> <p>6. Fixed incorrect display of the TDP of Intel Speed Select table.</p>

*Release Notes from Previous Release(s)*

**2.2 (12/6/2018)**

1. First Release