

IPMI Firmware / BIOS Release Notes Form

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Product Name	X11SCL-LN4F
Release Version	1.0a
Release Date	2/26/2019
Previous Version	1.0
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	<ol style="list-style-type: none">1. Updated BIOS revision to 1.0a.2. Updated Intel Reference Code to version 7.0.51.40.3. Updated CPU MCU.(906EA, U0 + 906EB, B0 + 906EC, P0).4. Hid LAN OPROM Control items when LAN#1 OPROM is set to iSCSI.5. Added Early Video messages when BIOS is in recovery mode.6. Added "ACPI T-States" setup item.7. Displayed "AERON" and "MCEON" strings during POST when "PCI AER Support" or "Memory Corrected Error" is enabled.8. Hide "ECC Support" item.9. Set the default of "Memory Corrected Error Enabling" to disabled.10. Updated the Intel BIOS ACM version to 1.5.0 and SINIT ACM to 1.6.0.11. Added "SMC SMBIOS Measurement" feature for PCR#1 measurement and enabled "Measure_Smbios_Tables".

	<p>12. Updated RAID option ROM and UEFI driver to 5.5.1028.</p> <p>13. Added "MCEON" and "AERON" POST strings for SOL console when items are enabled.</p> <p>14. Enhanced JPG1 function for running SUM with JPG1 2-3.</p> <p>15. Added support for RFC4122 UUID format feature so that RFC4122 encoding from build time is produced by IPMICFG 1.29 tool or newer version.</p> <p>16. Added "SATA Frozen" function.</p> <p>17. Added support for Linux built-in utility efibootmgr.</p> <p>18. Hid "Always Turbo Mode" when "Turbo Mode" setting is set to Disable in Advanced/CPU Configuration page.</p> <p>19. Updated IPv4 and IPv5 setup item strings.</p> <p>20. Added OEM strings to 50 bytes in Type 11.</p> <p>21. Added Disabled option for "Onboard Video Option ROM" setup item.</p> <p>22. Added "Driver Health" setup item.</p> <p>23. Added Driver Health warning message.</p> <p>24. Renamed "AC Loss Policy Depend on" to "Restore on AC Power Loss".</p> <p>25. Enhanced the solution for the error/warning message from dmidecode after AMIDE modification.</p> <p>26. Updated SMBIOS Type 9 for AOC Sensor Reading.</p>
New features	N/A
Fixes	<p>1. Fixed inability to Boot Option of UEFI Application Boot Priorities to load default via Afu tool with command "/N".</p> <p>2. Changed the "SATA Interrupt Selection" default value to MSI.</p> <p>3. Fixed problem of Chassis Intrusion status in BMC clearing every time system boots.</p>

	<p>4. Fixed issue of serial port UID order to follow COM port order after BIOS update.</p> <p>5. Fixed issue of PCR#1 value to be changed during Legacy boot with TPM 2.0 when Measure_Smbios_tables is disabled.</p> <p>6. Fixed problem of InBand receiving incorrect OEM FID size.</p> <p>7. Fixed problem of system hanging in CP during system recovery BIOS with TPM module.</p> <p>8. Updated “Restore Optimized Defaults” string for Mehlow Server template.</p> <p>9. Modified UEFI network description to IPv4/IPv6 to follow Industry Standard.</p> <p>10. Removed processor version “Type” string for Mehlow Server template.</p> <p>11. Fixed issue of onboard video output displaying screen on DXE stage when JPG1 is disabled.</p> <p>12. Updated “Redirection After BIOS POST” string for Mehlow Server template.</p> <p>13. Fixed problem of BMC VGA status being enabled in SMBIOS Type 41 when JPG1 is disabled (In 2-3).</p> <p>14. Fixed lack of onboard VGA information in Type 40.</p>
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Release Notes from Previous Release(s)

N/A