

IPMI Firmware / BIOS Release Notes Form

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Product Name	X11SRL-F
Release Version	2.0
Release Date	12/11/2019
Build Date	12/11/2019
Previous Version	N/A
Update Category	Critical
Dependencies	None
Important Notes	None
Enhancements	<ol style="list-style-type: none">1. Added support for Glacier Falls CLX-W CPU.2. Updated PCIe module in the Glacier Falls platform.3. Updated the USB module in the Glacier Falls platform.4. Updated the TPM module in the Glacier Falls platform.5. Updated the console redirection module in the Glacier Falls platform.6. Updated the serial port function in the Glacier Falls platform.7. Updated the power policy setting in the Glacier Falls platform.8. Updated the SATA module function in the Glacier Falls platform.9. Added SMC Password style in the Glacier Falls Projects.10. Added AER and MCE items.11. Added "SMBIOS Preservation" Enabled/Disabled item for flash recovery.12. Updated ME 11.12.00.1622.

	<p>13. Updated VROC VMD driver, RSTe UEFI driver, and Legacy ROM to 6.2.0.1034.</p> <p>14. Implemented prompt message at post screen when entering BIOS recovery mode for the platform to support early video.</p> <p>15. Updated Skylake microcode MB750654_02000065 for INTEL-SA-00271 Security Advisory to address CVE-2019-11139 (5.8, Medium) security issue and Cascade Lake microcodes MBF50656_0400002C & MBF50657_0500002C for INTEL-SA-00270 Security Advisory to address CVE-2019-11135 (6.5, Medium) security issue.</p> <p>16. Set Memory Topology to hide empty items when there is no memory in slots.</p> <p>17. Modified the POST time (DXE) POST code foreground and background color for Supermicro logo during quiet boot.</p> <p>18. Updated Basin Falls BIOS ACM and SINIT ACM to PW signed version.</p>
New features	N/A
Fixes	<p>1. Fixed inability of system to boot when setting BIOS setup menu CSM to disabled.</p> <p>2. Fixed failure of recovery BIOS when plugging in TPM 1.2 or TPM 2.0 device.</p> <p>3. Fixed problem of the "Storage Option ROM/UEFI Driver" being masked when using AMI SCE tool to dump to BIOS setup items.</p> <p>4. Fixed problem of non-support status returning when using AFU tool to clean event log.</p> <p>5. Fixed inability to change the VGA priority by SMC Option ROM control function.</p> <p>6. Set message to show in the onboard VGA output when changing VGA priority to add-on card.</p>

	<p>7. Added item "Storage Option ROM/UEFI Driver" to Advanced/SATA and RST Configuration page.</p> <p>8. Fixed inability of X11SRL to use AFU to flash BIOS when secure flash is enabled.</p> <p>9. Fixed inability to load VMD driver when enabling VMD ports under "Intel VMD Technology" menu.</p> <p>10. Prevented CMOS from writing failed status.</p> <p>11. Fixed failure of SUM test case 308.</p> <p>12. Corrected the memory Data Width.</p> <p>13. Fixed problem of key details showing "Security Violation" after loading Factory secure boot keys.</p> <p>14. Updated the "Change SMBIOS Event Log Settings" string.</p> <p>15. Set IPMI WDT function to enabled.</p> <p>16. Fixed ability to enter Setup Menu if ADMIN password is set after pressing "Enter".</p> <p>17. Fixed failure of serial port when using PC Check tool test.</p> <p>18. Enabled the PROCHOT pin as BIDIRECTIONAL by default to support processor hot feature.</p> <p>19. Fixed malfunction of the Watchdog.</p> <p>20. Fixed failure of X11SRL SOL function test.</p> <p>21. Fixed failure of user password to clear after clearing administrator password.</p> <p>22. Fixed inability to use IPMI Web to eject when plugging in NVMe add-on card (AOC-SLG3-4E4).</p> <p>23. Fixed failure of IPMI web setting to sync with BIOS IPMI page.</p> <p>24. Fixed problem of system hanging up in CP: A2h when running PCH on/off test.</p> <p>25. Fixed problem of PCH temperature reading fail event log occurring for IPMI when updating BIOS with the ME.</p>
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Release Notes from Previous Release(s)