***Notes to Release Notes Authors***

* *All fields must be completed; please indicate as “N/A” if not applicable.*
* *Release Notes should document functional changes, dependencies, bug fixes and added features.*
* *Release Notes must not mention the methods of implementation and/or internal processes.*
* *Release Notes must not mention of silicon errata and/or other external causations.*
* *Release Notes must not mention confidential/proprietary information and/or trade secrets of Supermicro or any third party.*
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**IPMI Firmware Release Notes Form**

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| **Product Name** | **X11SCL-F** |
| **Release Version** | **1.23.06** |
| **Build Date** | **9/30/2020** |
| **Previous Version** | **1.23.04** |
| **Update Category** | **Recommended** |
| **Dependencies** | **None** |
| **Important Notes** | **None** |
| **Enhancements** | **1. Patched files for dropbear-2019.78 and updated the Dropbear SSH to the latest version (2019.78).** |
| **New features** | **N/A** |
| **Fixes** | **1. Corrected error message from 'User name must be 4~16 characters.' To 'User name must be 4~15 characters.'****2. Corrected typo in SSL Certification confirm window.****3. Fixed problem of user being permanently locked out after exceeding lockout times by SMCIPMITool.****4. Fixed problem of BMC issuing multiple alerts when hard drive fails.****5. Fixed problem of nonfunctional "Virtual Media" tab displaying on iKVM/HTML5.****6. Fixed failure of OOB flash of BIOS from ECO to OEM BIOS, failure of BIOS to pass the secure validation, and inability to apply "LC019\_X11DPFR\_2U\_20200804.v1.rom\_Signed".** |

***Release Notes from Previous Release(s)***

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| ***1.23.04 (11/15/2019)****1. Corrected verification of the concatenate string of unique password.**2. Fixed ability to clear unique password using raw command 0x30 0x74 0x2.**3. Fixed ability to remove unique password set bit by IPMITool raw command.**4. Corrected response 204 when posting factory default with invalid option value on Redfish and response 503 when posting factory default with empty body on Redfish.**5. Fixed failure of Java KVM to block Virtual Media section and show warning message when virtual media port is disabled.**6. Fixed missing new load factory default options for IPMICFG/SMCIPMITool/Redfish for IPMI firmware 1.71.7.**7. Fixed inconsistent behavior for factory function with firmware 1.71.7.**8. Corrected message for Delete User Without Selecting Slot.****1.23.2 (8/30/2019)****1. Added support for third number (build version) of IPMI firmware version.**2. Added BMC Account Security.**3. Added modification for event severity.* *4. Enabled sending all event logs (Health & Maintenance) to Syslog server.**5. Added UefiPxe to Redfish System boot order.**6. Fixed problem of IPMI WebGUI system status showing as critical after CPU overheat de-assertion.**7. Fixed problem of SEL showing error message after AOC-S3108 updates firmware.**8. Fixed multiple vulnerabilities with Supermicro BMC Virtual Media.**9. Fixed issue with IPMI web formatting for system.**10. Fixed failure of STAC Redfish automation test and inability to access Redfish with RADIUS session after factory default.**11. Fixed problem of IPMI RADIUS authentication client returning Localhost IP In NAS-IP-Address/, malfunction of IPMI RADIUS authentication if authentication is delayed for over 3 seconds, and problem of IPMI RADIUS authentication violating attribute 26 specification.**12. Fixed incorrect KEYPAD \* and + key maps via IPMI iKVM console and KEYPAD on physical keyboard.**13. Fixed incompatibility of IPMI after update.****1.21 (3/21/2019)****1. Changed the naming for Health Event Log & Maintenance Event Log in Web UI.**2. Enabled clearing all system event logs without generating any log and dumping all the system event logs.**3. Added patch for CVE-2019-6260 pantsdown.**4. Fixed failure of IPMI SOL.**5. Fixed multiple Web UI formatting issues.**6. Fixed malfunction of IPMI Web Date & Time Configuration.**7. Fixed issue of the system status not referencing PSU state when AC is lost.**8. Corrected pop-up message when deleting a group in Active Directory.**9. Fixed problems of the sessions timing out after accessing system event log page and of BMC continuously rebooting.**10. Corrected grammar on the Alert page.**11. Fixed issue of COM1 and COM2 having UART1 output data when SOL is activated.* *12. Fixed failure to updated BIOS in Web UI.* *13. Corrected M.2 sensor name and listed it in the Hardware Monitoring document.* *14. Fixed malfunction of KVM and remote control after using SSH in SMASH with AD account.* |

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*Product Manager Date*