

## IPMI Release Notes Form

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<b>Product Name</b>	<b>X11SRM-(V)F</b>
<b>Release Version</b>	<b>1.74.13</b>
<b>Build Date</b>	<b>8/2/2023</b>
<b>Previous Version</b>	<b>1.74.11</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<b>Note</b>
<b>Enhancements</b>	<b>None</b>
<b>New features</b>	<b>None</b>
<b>Fixes</b>	<b>1. IPMI configuration backup file remote command execution. 2. Security Fixes: CVE-2023-40287, CVE-2023-40288, CVE-2023-40286, CVE-2023-33413.</b>

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

### **1.74.11 (10/27/2022)**

1. *Optimized execution time on VRM utility.*
2. *Block I2C master w/r command for VRM channel (channel 1).*
3. *Virtual Media on HTML5 iKVM console is nonfunctional.*
4. *Disconnecting problems when switching from 1G to 100M.*
5. *Important Note: This firmware is signed firmware. Previous X11SRM BMC FW releases are unsigned. Downgrade from signed to unsigned firmware is not possible.*

### **1.74.04 (4/27/2022)**

#### *Enhancements:*

1. *Supports the new Realtek PHY RTL8211FD-VX-CG driver.*

*The following issues have been fixed:*

1. *1.74.01 is obsolete.*

### **1.74.00 (1/24/2022)**

#### *Enhancements:*

1. *Support 39xx, 38xx storage card sensor reading.*
  2. *Support PLDM sensor reading at AOC NIC cards.*
- The following new features have been added:*
3. *Signed firmware will include the Coffee lake platform, Un-signed firmware will include the workstation platform.*
  4. *Support for AMD MI100 GPU HBA temperature display if it is hotter than on-die temp.*
  5. *BMC FW Q1 2019 features, NVIDIA GPU monitoring and Network page info on UI, Supermicro NVIDIA GPU support Feature Spec\_1.1.docx, Network AOC info on BMC UI.msg*
  6. *Device Auto-Discovery within a Rack for RSD Support.*
  7. *Support for redfish 1.8 API.*
  8. *BMC FW Q1 2019 features, SMC HTML5 User Guide For PM, BMC UI Redfish System Component health status.*
  9. *IPv4 IPv6 Stack Selection.*
  10. *Added IPv4 IPv6 Information Under System.*
  11. *BMC KCS Interface Security Solution, BMC KCS Interface Security Solution.*
  12. *WebUI Button Requirements v1.*
  13. *AOC NVMe M.2 Sensor Reading, AOC NVMe M.2 Sensor Reading.*
  14. *SMC IPv6 and FQDN Address Configuration User Guide ForPM (1.2).*
  15. *SNMP MIBs features\_1.1.*
- The following issues have been fixed:*
16. *Anonymous account or null value can be created on X11 and X12.*
  17. *Buffer overflow in IPMI\_LAN ASF protocol.*
  18. *resolv.conf be reset, it may cause a potential DNS vulnerability.*
  19. *Removed the item SSH weak MAC Algorithms (Enabled).*
  20. *jQuery 1.2 < 3.5.0 Multiple XSS – cross scripting vulnerability.*
  21. *Unable to save valid domain name on AD page.*
  22. *FW does not show PSU sensor reading under web GUI.*

23. *Missing PSU/Power Information FW 1.73.09.*
24. *One SIOM card has two AOCNIC Temps.*
25. *BIOS is sending wrong full\_smbios to IPMI (work around).*
26. *Hardware information is not correct.*
27. *Fixed bugs where Fan control can't work with AOCM2*
28. *OOB Bios update function failure via SUM 2.5.0.*
29. *Yellow Icon in the System Health No Event Log.*
30. *The Storage Monitoring page always shows up even if no storage card is present.*
31. *Wrong License for HTML5 VM.*
32. *For long hostname string, there's different between X11 and X10 FW.*
33. *[BIOS/IPMI ECO] sum test fail.*
34. *SMASH only take up to 403 characters before disconnecting*
35. *Unable to set user name at a maximum of 16 characters*
36. *Error message 'User name must be 4~16 characters.' should be 'User name must be 4~15 characters.'*
37. *SSL Certification confirm window has typo*
38. *User permanently locked out after exceeded lockout times and by SMCIPMITOOL.*

#### **1.31.04 (6/14/2021)**

1. *Fixed issue with add-on card thermal reading.*
2. *Fixed problem of IPMI maintaining upgrade status when flashing BIOS by SUM with parameter preserve\_nv.*
3. *Corrected error message from 'User name must be 4~16 characters.' To 'User name must be 4~15 characters.'*
4. *Corrected typo in SSL Certification confirm window.*
5. *Fixed problem of user being permanently locked out after exceeding lockout times by SMCIPMITool.*
6. *Fixed failure of SUM 2.5.0 (2020/04/17) to execute GetGpuInfo command function.*
7. *Fixed failure of sum.2.5.0\_042320 to execute GetGpuInfo.*

#### **1.31.03 (4/15/2020)**

1. *Enabled CSRF feature.*

#### **1.31.2 (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.*

### **1.31.1 (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 SEL showing error message after AOC-S3108 updates firmware.*
7. *Fixed multiple vulnerabilities with Supermicro BMC Virtual Media.*
8. *Fixed failure to preserve the BMC configuration from release version to new version.*
9. *Fixed problem of IPMI WebGUI system status showing as critical after CPU overheat de-assertion.*
10. *Fixed issue with IPMI web formatting for system.*
11. *Fixed failure of STAC Redfish automation test and inability to access Redfish with RADIUS session after factory default.*
12. *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.*
13. *Fixed incorrect KEYPAD \* and + key maps via IPMI iKVM console and KEYPAD on physical keyboard.*
14. *Fixed incompatibility of IPMI after update.*

### **1.29 (3/22/2019)**

1. *Added patch for CVE-2019-6260 pantsdown.*
2. *Fixed malfunction of KVM and remote control after using SSH in SMASH with AD account.*
3. *Fixed problems of the sessions timing out after accessing system event log page and of BMC continuously rebooting.*
4. *Fixed the problem of inconsistent return codes (200, 500, 503) being displayed from the BMC when using ApacheBench.*
5. *Set default LDAP port to match WebGUI.*
6. *Fixed incorrect message appearing on iKVM/HTML5 page when disabling iKVM port.*
7. *Fixed inability to remove DNS server IPv6 address.*

### **1.21 (6/22/2018)**

1. *Implemented workaround for X11SRM to change GPIOE3 to OpenDrain.*
2. *Fixed missing IPMI sensor after disabling "IPMI Extended Instruction".*
3. *Fixed missing default timeout value on Redfish when accessing Manager's ActiveDirectory.*
4. *Fixed inability to patch IP Access Enabled key with 500 Internal Error on Redfish.*
5. *Fixed missing "Thermal Trip" event in IPMI SEL.*