

IPMI Firmware Release Notes Form

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Product Name	X11SRi-IF
Release Version	3.76.28
Build Date	1/8/2021
Previous Version	3.76.22
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	1. Added support for standby FAN power enabling from BMC.
New features	1. Added support for the NVidia T4 GPU card, the NVidia A10 GPU card, and the NVidia A40 GPU card. 2. Added support for SNMPv3 new OIDs and improved SNMPv1 trap. 3. Added support for IPv6/FQDN for LDAP/Radius/AD/Alert/VirtualMedia/SMTP/syslog/NTP/DDNS server.
Fixes	1. Fixed problem of undefined completion code FFh occurring with GetGpuInfo. 2. Patched response 302 status code on Redfish. 3. Fixed failure of web session to time out on system information page. 4. Fixed failure of first attempt to select firmware to upload. 5. Fixed problem of system showing as normal when IPMI sensor fails.

	<ul style="list-style-type: none">6. Fixed failure of web server to completely close.7. Fixed problem of user name allowing length of fewer than 4 characters.8. Fixed problem of IPMI session timing out during the BIOS update.9. Fixed failure of IPv6 settings to sync between BIOS and IPMI.10. Fixed problem of Modify CT with Notebook (0A) through SMCIPMITOOL displaying as undefined on WebGUI.11. Fixed problem of undefined alert occurring when opening iKVM/HTML5 after closing the port.12. Fixed failure of Redfish automation on 3 test cases regarding active directory.13. Fixed issue with AIOM thermal reading.14. Fixed failure to read PCIe through raw 0x30 0xE6.15. Fixed failure of SUM test.16. Fixed problem of "Event Log" field on SEL GUI screen overlapping with "Keyword Search" field on Health Event Log page.17. Fixed mismatch of '30 6a SUM' and 'ipmitool' on DCMS/OOB license of X11DGQ-P.18. Fixed problems of chassis intrusion reading showing as N/A and power down failing during cburn DC cycle stress.19. Fixed inability to get NVMe temperature from Toshiba CD5 3.84TB NVMe.20. Fixed problem of all sensor readings displaying as N/A when the AOC-S40G-i2Q card is inserted.
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Release Notes from Previous Release(s)

3.76.22 (9/4/2020)

1. Synced severity and description of SW team SELs.
2. Fixed failure to install OS when mounting large ISO image (over than 5GB) through HTTP.
3. Updated Jarsigner certificate.
4. Set copyright to 2020.
5. Added "Redfish Managers.Network Protocol" SSDP catalog.
6. Set SSDP to disabled by default.
7. Removed limitation to prevent IPv6 static router prefix length input of 0.
8. Blocked invalid input for Configuration Web.
9. Added support for inband update of firmware event by OEM cmd 0x30 0xc4.
10. Added support for SSDP function.
11. Added support for new sensor health status.
12. Added support for HTML5 VM.
13. Added CSRF prevention feature.
14. Fixed problem of SSL Certificate update page turning to a white page or 500 internal server error.
15. Fixed problem of server certificate and private key clearing when user tries to update new SSL certificate and private key.
16. Corrected BMC web display of UPI error message.
17. Fixed inability to run HTML5 after updating to 3.76.01 from 3.68 for X11.
18. Corrected status of share LAN shown by IPMI.
19. Fixed inability to save DDNS settings on web pages in Japanese/SC languages.
20. Corrected typo SLOM to SIOM.
21. Fixed problem of the "Model" field showing vendor name plus marketing name in Redfish for GPU devices.
22. Corrected health event log severity and description.
23. Fixed failure to release iKVM resource.
24. Fixed inability of some nodes to detect BMC IP Gateway at SYS-F619P2-FT-DTP1-TS29T (MBD: X11DPFF-SN).
25. Fixed inability of existing user to modify username on web page.
26. Fixed malfunction of WebGUI display when hostname is too long.
27. Fixed problem of SNMP losing some sensor information.
28. Fixed failure to update BIOS built in 2020.
29. Fixed failure to restore https port when restoring IPMI configuration.
30. Fixed mismatch of IPMI WebUI Fan Mode Help description.
31. Fixed problem of Redfish returning 500 on RAID mode when getting Disk.Bay.
32. Fixed some account service items.
33. Fixed problem of NVMe and RAIDIntrate status always showing as warning.
34. Fixed inability of Redfish to get permission via AD user while enabling AD via SSL setting.
35. Fixed failure of SATC Redfish API test case for BIOS upload.
36. Fixed failure of Get Managers iKVM URI And Check when running Redfish Automation Tool.
37. Fixed inability to save SSDP setting.
38. Fixed problem of IPMI execution exception occurring when running IPMI Automation.
39. Added CSRF token check mechanism into firmware upload CGI firmware_upload.cgi and fixed failure of syslog config setting due to HTTP server malfunction after disabling HTTP.
40. Fixed failure to use SUM tool to update BMC firmware.
41. Fixed inability to apply HTTP/HTTPS port number after restoring IPMI.
42. Removed sensitive parameters on main menu pages, specifically Remote Console Preview.
43. Fixed issue with Visa security for maintenance web pages.
44. Fixed issue with alert and AD web page.

- 45. Fixed problem of user being modified if given invalid input and problems when deleting an active directory.*
- 46. Fixed problem of AOC NIC Temp sensor reading showing as n/a.*
- 47. Fixed failure to update BIOS/BMC through SMCIPMITool/SUM.*
- 48. Fixed Stunnel port response.*

3.76.06 (1/3/2020)

- 1. Improved the dump speed of system troubleshooting.*
- 2. Fixed inability to add IPv6 address.*
- 3. Fixed absence of event if NTP is enabled and NTP server is not accessed.*
- 4. Set System troubleshooting to support download of Version.txt, Health event log, Maintenance event log, FRU, and SMBIOS information.*
- 5. Fixed problem with CD-ROM image ISO mount with SUM.*
- 6. Fixed issues with CD-ROM image and support for special characters in config username.*

3.76.03 (11/27/2019)

- 1. Set power cycle and PCH reset to occur after updating BIOS.*
- 2. Set BMC to store factory default option in flash.*
- 3. Added support for unique pre-programmed default password, form 299-00-190617-001.*
- 4. Added Java KVM text copy and paste feature.*
- 5. Fixed problem of Redfish returning 500 if request body is empty.*
- 6. Corrected behavior after updating BIOS through IPMI WebUI.*
- 7. Fixed failure of DIMM Sensor name to sync with motherboard silkscreen.*
- 8. Fixed problem of Web BMC alert email limiting the number of words.*
- 9. Fixed problem of Syslog recording a message every 2 minutes.*
- 10. Fixed inability to launch JavaKVM through SMCIPMITool.*
- 11. Fixed problem of redfish/v1/Managers/1/VM1/CfgCD showing password plain text.*
- 12. Fixed failure to mount VM images after changing VM port over 4 times during Web virtual media mount.*
- 13. Corrected response of setting via in-band interface after setting SMTP sender email.*
- 14. Fixed malfunction of Watchdog setting the pre-timeout NMI interruption after counting down to pre-timeout interval.*
- 15. Fixed failure of Redfish with 03.75.01.*