IPMI Firmware Release Notes Form

Product Name	**X11SPG-TF**
Release Version	**1.73.14**
Build Date	**11/9/2021**
Previous Version	**1.73.06**
Update Category	**Critical**
Dependencies	**None**
Important Notes	**None**
Enhancements	**1. Added support for PLDM sensor reading on AOC NIC cards.**
New features	**1. Enabled AOC_NIC_TEMP IPMI sensor during AC on/off test.**
Fixes	**1. Disabled creation and activation of a null user and password.** **2. Fixed problem of BMC crashing and restart being forced due to malicious data transmission.** **3. Fixed inability to reset resolv.conf file after BMC is restored to factory default settings.** **4. Removed ability to SSH using weak MAC algorithms.** **5. Fixed multiple XSS on jQuery versions between 1.2 and 3.5.0.** **6. Enabled saving domain name on AD page.** **7. Enabled FW to show PSU sensor reading under web GUI.**

	8. Enabled deleting AD group from web.
	9. Displayed only one NIC temperature for one SIOM card.
	10. Enabled SNMP alerts to show up in "Trap Receiver."

1.73.06 (11/20/2020)

1. Changed Storage WebUI.

2. Added NVIDIA GPU monitoring and Network page info on UI.

3. Added support for device auto-discovery within a rack for RSD.

4. Added support for Redfish 1.8 API.

5. Added support for HTML5 VM, BMC UI, and Redfish system component health status, and changed remote console UI.

6. Added support for IPv4 and IPv6 stack selection.

7. Added support for BMC KCS interface security solution.

8. Added support for WebUI button requirements.

9. Added support for AOC NVMe M.2 sensor reading.

10. Added support for IPv6 and FQDN address configuration.

11. Added support for SNMPv3 Trap and new MIBs feature.

12. Added support for HII in Redfish.

13. Corrected error message from 'User name must be 4~16 characters.' to 'User name must be 4~15 characters.'

14. Corrected typo in SSL Certification confirm window.

15. Fixed problem of user being permanently locked out after exceeding lockout times by SMCIPMITool.

16. Fixed failure of Redfish automated test.

17. Fixed failure to set LDAP Server Address through SMCIPMITool.

18. Fixed failure of SUM 2.5.0 (2020/04/17) to execute Get GpuInfo command function.

19. Fixed malfunction of fan control with AOCM2.

20. Fixed failure of Linux OS to reboot due to BMC firmware.

21. Fixed failure of IPMI ECO Automation caused by KCS error.

22. Fixed problems of IPMI displaying the same location for two AOCs at different bus numbers, the "Model:" item reporting "UNKNOWN 0x00000000" in the controller information table, the "Manufacturer:" item displaying "Illegal Vendor ID" for the controller information, vendor information displaying incorrectly for HDD SATA drive at Physical Drive View, and Device 0 and Device 1 both displaying at slot 2.

23. Fixed failure of installed NVMe SSDs to display in latest IPMI firmware Rev. 1.73.01 (3/16).

24. Fixed failure of OOB BIOS update function via SUM 2.5.0.

25. Fixed missing event log for yellow icon in System Health.

26. Fixed problem of the Storage Monitoring page appearing without storage card present.

27. Fixed failure of IPMI ECO Robot test.

28. Corrected license for HTML5 VM.

29. Fixed inconsistency between X11 and X10 firmware for long hostname string.

30. Fixed failure of SUM test.

31. Fixed problem of SMASH only taking up to 403 characters before disconnecting.

32. Fixed missing IPMI sensor during AC on/off test.

33. Fixed hardware information.