IPMI Firmware Release Notes

Product Name	**X11OPI**
Release Version	**1.73.06**
Build Date	**12/23/2020**
Previous Version	**4.36**
Update Category	**Recommended**
Dependencies	**None**
Important Notes	**None**
Enhancements	**1. Changed Storage WebUI.** **2. Added support for device auto-discovery within a rack for RSD.** **3. Added support for Redfish 1.8 API.** **4. Added support for HTML5 VM, BMC UI, and Redfish system component health status, and changed remote console UI.** **5. Added support for IPv4 and IPv6 stack selection.** **6. Added support for BMC KCS interface security solution.** **7. Added support for WebUI button requirements.** **8. Added support for AOC NVMe M.2 sensor reading.** **9. Added support for IPv6 and FQDN address configuration.** **10. Added support for SNMPv3 Trap and new MIBs feature.**
New features	**N/A**

Fixes	1. Fixed missing "AOC_NIC_Temp" IPMI sensor during AC on/off test. 2. Fixed hardware information. 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 Redfish automated test. 7. Fixed failure to set LDAP Server Address through SMCIPMITool. 8. Fixed failure of SUM 2.5.0 (2020/04/17) to execute Get GpuInfo command function. 9. Fixed malfunction of fan control with AOCM2. 10. Fixed failure of Linux OS to reboot due to BMC firmware. 11. 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. 12. Fixed failure of installed NVMe SSDs to display in latest IPMI firmware Rev. 1.73.01 (3/16). 13. Fixed failure of OOB BIOS update function via SUM 2.5.0. 14. Fixed missing event log for yellow icon in System Health. 15. Fixed problem of the Storage Monitoring page appearing without storage card present. 16. Corrected license for HTML5 VM. 17. Fixed inconsistency between X11 and X10 firmware for long hostname string. 18. Fixed problem of SMASH only taking up to 403 characters before disconnecting.

4.35 (1/3/2020)

1. Added BMC firmware solution to program and store unique pre-programmed password.
2. Fixed problem of Unique Password verification passing with incorrect unique password.

4.33 (5/9/2019)

1. Fixed problem of the "PS1 Power Supply Failure - Assertion and Deassertion" event being captured during cburn AC on/off test when PS1 is properly inserted with AC Power Core.

4.31 (1/14/2019)

1. Added support for the Memory RAS.
2. Fixed problem of PSU5 Failure being detected when only PSU1 PowerCore AC is removed.
3. Fixed problem of sensor reading showing Presence/Not Presence on loop when PSU2 module is removed.
4. Fixed inability of System to run Redfish Automation API test completely.

4.29 (10/16/2017)

1. Added support for the Memory RAS.
2. Fixed troubleshooting function.
3. Fixed missing AOC temperature sensor reading showing in IPMI SDR.
4. Fixed missing NVMe information showing in NVMe SSD tab with Intel NVMe 4500.
5. Fixed ability to get PSU info and failure of stress test by cburn.
6. Fixed 5 failures on ATT for IPMICFG ECO test.
7. Fixed missing temperature reading for Nvidia V100 32GB.
8. Fixed failure in fan validation.
9. Fixed the system having only one fan zone when the default fan mode is optimal.
10. Fixed problem of too much margin appearing in sensor readings page in IPMI WebGUI.
11. Fixed problem of only 2 more readings appearing when 8x GPUs and SIOM are present.

4.20 (10/19/2017)

1. Added support for the Memory RAS.