IPMI Firmware / BIOS Release Notes Form

Product Name	**X11DPL-i**
Release Version	**1.45**
Release Date	**2/9/2018**
Previous Version	**1.02**
Update Category	**Critical**
Dependencies	**N/A**
Important Notes	**ECO #20366** **IPMI Image SMT_X11IPMI_145.zip** **Please update IPMI FW with attached Flash Utility in package.**
Enhancements	1. **Added support for Thermal Design Guide v4.06.** 2. **Enabled Event Log and System Event Log to redirect to syslog server.** 3. **Added auto-refresh to sensor reading page.** 4. **Added VBAT error for below 2.5 and warning for below 2.6.** 5. **Updated Aspeed platform S V17.** 6. **Hid unused power supply information in power source page.** 7. **Followed thermal guide v4.06 by setting fan to 50% PWM in Booting Up Stage when AC is lost.** 8. **Added support for GetSetBMCStatus command for TAS.** 9. **Set PWM at 50% for X11 non-GPU platforms when BMC resets.** 10. **Upgraded NTP to version 4.2.8p10 to fix security issue.** 11. **Changed AOC_NIC temperature threshold to 105/100/95.** 12. **Enhanced BIOS update function.**
New features	**N/A**

Fixes	1. Fixed problem of the webpage showing "404-Not Found" if clicking on "here" in Firmware Upload page after cancelling firmware upload. 2. Fixed failure of KCS Cburn on/off. 3. Fixed inability of sensor alerts to be received by email or SNMP. 4. Fixed failure of Redfish Automation Test. 5. Fixed problem of extra characters showing after patching a shorter username and password in Redfish. 6. Fixed Intel NVMe P4500 display in IPMI NVMe SSD webpage. 7. Fixed failure of temperature sensor reading test. 8. Fixed problem of BIOS upgrade making system lose MAC and BIOS crash. 9. Fixed problem of AC cycle stress testing making BMC crash due to uncorrectable SMBIOS file. 10. Set IPMI to return to login page after reloading IPMI configuration. 11. Fixed failure of KVM Console to launch via IPMIView. 12. Fixed problem of FAN duty showing 100% on standard and heavy IO mode when CPU VRM temperature decreases. 13. Fixed problem of SMCIPMITool and WebGUI showing different values for PSU FAN RPM. 14. Fixed issue with port configure page value check. 15. Fixed incorrect data for Intel P4500 1TB NVMe. 16. Fixed incorrect data when Intel P3700 NVMe is changed to P4500 in the same slot. 17. Fixed incorrect system LAN LED behavior and inability of system to power on when in power off state. 18. Fixed inability of web to show BIOS/RedFish/CPLD version and system MAC. 19. Fixed problem of DCMI power reading always showing as 0 after power is off for 20 seconds and then turned on. 20. Fixed problem of power history record page timing out due to abnormal power peak. 21. Fixed missing chassis intrusion status in IPMITool chassis status. 22. Fixed problem of first IKVM having no screen after AC cycle. 23. Fixed problem of IKVM console not closing after IKVM reset.