

IPMI Firmware / BIOS Release Notes Form

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Product Name	X11DPL-i
Release Version	1.56
Release Date	9/21/2018
Previous Version	1.45
Update Category	Critical
Dependencies	N/A
Important Notes	ECO #21445 IPMI Image SMT_X11IPMI_156.zip Please update IPMI FW with attached Flash Utility in package.
Enhancements	<ol style="list-style-type: none">1. Fixed problem of all KVM consoles disconnecting after launching the maximum of 4 sessions.
New features	<ol style="list-style-type: none">1. Added support for 3rd party power supply.2. Added support for LSI3108 firmware update through I2C.3. Updated Redfish API to 3/16/2018.4. Added support for TAS HDD Driver events.5. Added support for maintenance system event log for UID on/off.6. Added support for DIMM status in IPMI/Web sensor reading and Redfish.7. Added support for RSD IPMI command.8. Added support for syncing system MAC and AOC MAC to Redfish without TAS.9. Added support for system event log to record most configuring operations.10. Added support for HII configuration in Redfish.11. Added support for adding CPU MRC event.12. Added support for new NVMe CPLD/MCU firmware and Date Code Support.

Fixes

1. Fixed inability of CPU overheat LED to turn ON in IPMI 1.52 when CPU processor hot event occurs.
2. Fixed failure of BIOS update when entering ME recovery mode.
3. Fixed the incorrect sensor type of M.2 SATA in the IPMI event log.
4. Enabled setting all actions or at least 2 actions to the same hotkeys.
5. Fixed missing foreign language translation for "Preference" settings in HTML5.
6. Fixed failure of 19 critical tests in Redfish automation.
7. Fixed missing SEL when unplugging M.3.
8. Fixed problem of some pages displaying abnormally when language is set to "Japanese".
9. Resolved AD/LDAP/RADIUS conflict.
10. Fixed ability to save invalid RADIUS input in IPMI Web, grammar problem on Hardware Information page, problem of alerts recurring in IPMI Web when user enters invalid values, problem of Web Session and Syslog port accepting double/float value as input, ability to save invalid value using terminal commands (JavaScript), problem of Active Directory configuration in IPMI Web accepting invalid value, problem of IPMI Web allowing user to modify Reserved User, problem of invalid input in 1.1.1.1/ format triggering no alert on IPMI Web IP Access Control page, and problem of page not showing user correct format if wrong path entered on CD-ROM Image page.
11. Fixed inability of LAN configuration and power control to work after BMC VLAN is enabled and LAN mode is changed.
12. Fixed problem of power supply removal not triggering alert, sensor error status, and error LED blinking.
13. Hid IPMI ejection function for NVMe with VMD mode.
14. Fixed problem of Java iKVM viewer showing "black rectangle portion" where HTML5 doesn't.
15. Fixed problem of iKVM being inaccessible with new port configuration.
16. Fixed incorrect power history record after AC cycle stress test.
17. Fixed failure of Redfish automation test.
18. Fixed failure of iKVM/HTML5 to work properly after launching and resetting a few times.
19. Copied BM/BP/BS from FRU1 to FRU0 if they are empty.
20. Prevented invalid IP format on IP Access Control page.
21. Improved fan control efficiency.
22. Fixed BIOS anti-rollback.
23. Removed clearing of license when clearing configuration.
24. Fixed issue with redfish/v1/Systems/1/Storage/HA-RAID/Volumes.
25. Fixed missing warning message prompt when executing BIOS rollback from X11DPLI_8.615(SPS :4.0.04.340) to X11DPLI_7.B01(SPS:4.0.04.288).

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| | <ul style="list-style-type: none">26. Changed 'event log' to 'health event log' and 'system event log' to 'maintenance event log'.27. Fixed inability to save and restore syslog configuration via maintenance->IPMI Configuration.28. Fixed failure of FAN.29. Fixed excessive delay for temperature sensor reading. |
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1.45 (2/9/2018)

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