

IPMI Firmware

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Product Name	X10DRT-B+
Release Version	3.73
Release Date	9/24/2018
Previous Version	3.70
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	N/A
New features	1. Copied BM/BP/BS from FRU1 to FRU0 if they are empty. 2. Added BMC firmware support for LSI3108 firmware update through I2C. 3. Updated Redfish API to 3/16/2018. 4. Synced system MAC and AOC MAC to Redfish without TAS.
Fixes	1. Changed 'event log' to 'health event log' and 'system event log' to 'maintenance event log'. 2. Fixed inability to save and restore syslog configuration via maintenance->IPMI Configuration. 3. Prevented invalid IP format on IP Access Control page. 4. Removed clearing of license when clearing configuration.

	<ul style="list-style-type: none">5. Fixed issue with redfish/v1/Systems/1/Storage/HA-RAID/Volumes.6. Displayed BigTwin backplane hardware version B102 as 1.02B on BPN-NVME3-217BHQ.7. Fixed incorrect node power reported by IPMI on BPN-ADP-6SATA3H4-1UB.8. Fixed M.2_ARTx Temp on 2U4N BPN-ADP-6SATA3H4-1UB with I2C Mux channel 2.9. Fixed failure of 10 critical tests in Redfish automation.10. Fixed problem of blue LED staying off when red LED is on due to hardware issue.11. Fixed problem of Redfish 500 being returned when NetworkProtocol is patched after factory default.12. Fixed failure of LAN configuration and power control after BMC VLAN is enabled and LAN mode is changed.13. Fixed problem of user name allowing length of fewer than 4 characters.14. Fixed problem of all KVM consoles being disconnected after launching the maximum of 4 sessions.15. Fixed missing alert, sensor error status, and blinking error LED when removing power supply.16. Fixed AD/LDAP/RADIUS conflict.17. Enabled setting all actions or at least 2 actions to the same hotkeys.
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Release Notes from Previous Release(s)

3.70 (3/21/2018)

1. Set system event log to record most configuring operations.
2. Fixed failure of SMCIPMITool "pminfo" command on firmware 3.68.
3. Fixed incorrect power history record after AC cycle stress test.
4. Fixed typo errors on Factory Default page, on System Event Log page, in language file of "Power Consumption", on BIOS Update page, on SMC RAKP page, on Activate License page, in XPath /html/body/table/tbody/tr[5]/td[2]/ul/li[1]/span, and in language file of key "LANG_SERVER_HEALTH_ADV_CAPTION".
5. Fixed problem of Remote Control -> HDD/SSD Power Control showing "Not present" in 6NVME.
6. Fixed problem of too many system event logs breaking BMC.

3.68 (2/9/2018)

1. Optimized Intel NVMe P4500 display on IPMI NVMe SSD webpage.
2. Added auto-refresh to sensor reading page.
3. Hid unused power supply information on power source page.
4. Upgraded NTP to version 4.2.8p10 to fix security issue.
5. Added save button to event log page and system event log page.
6. Added support for BPN-SAS3-827BHQ-N3 2U2N.
7. Added support for 2U2N HDD power control via web.
8. Added support for new Redfish APIs.
9. Added support for riser RSC-P2-88.
10. Added support for GetSetBMCStatus command for TAS.
11. Added save button to WebUI Server Health->Sensor reading page.
12. Fixed issue of KCS hanging when system reboots during Cburn SAT.
13. Fixed problem of uboot making BMC hang on kernel panic starting from 3.19.
14. Fixed problem of too much margin on sensor reading page and event reading page on high resolution display.
15. Fixed inability of SDHM to control fan PWM of backplane.
16. Fixed problem of the wrong KVM port resulting from 'Sum GetBmcCfg' command.
17. Fixed problem of BMC settings and FRU being lost if BMC updates from 3.16 to 3.55-3.59.
18. Fixed problem of session timing out when updating hybrid backplane with wrong EC firmware.
19. Fixed issue of missing device ID for sensor AOC_NIC_Temp.
20. Fixed issue of duplicated sensor information.
21. Fixed unusual behavior on SNMP page.
22. Fixed problem of the webpage showing "404-Not Found" when "here" is clicked on Firmware Upload page.
23. Fixed failure of Patch BitRate in Redfish.
24. Fixed failure of Patch the DateTime in Redfish.
25. Fixed inability of sensor alerts to be received by email or SNMP.
26. Fixed incorrect date and time in Maintenance System Event Log.
27. Fixed problem of all Intel P4500/4600 NVMe SSDs showing the same serial numbers on the web.
28. Fixed problem of UpdateBMC finishing but progress not showing as 100%.
29. Fixed inability of BMC to show FAN1/FAN2 reading on NVMe backplane BPN-ADP-12NMVe-2UB.
30. Fixed incorrect Intel P4500 NVMe information in IPMI WebGUI.
31. Fixed problem of 'BMC supports OOB BIOS config' showing no support.
32. Fixed problem of failed DIMM location not matching the motherboard silkscreen.
33. Fixed issue of some sensors being missing.
34. Fixed the following APIs: /redfish/v1/Managers/1/VM1/CfgCD/Actions/IsoConfig.Mount,

*/redfish/v1/Managers/1/VM1/CfgCD/Actions/IsoConfig.UnMount, and
/redfish/v1/Managers/1/IPAccessControl/FilterRule/[rule_num].*

35. Fixed inability to mount 'CD-ROM Image' through web.

36. Fixed problem of IPMI getting filled with "Invalid Power offset" messages.

37. Fixed abnormal syslog display.

38. Fixed missing NVMe Eject button on IPMI webpage.

39. Fixed Redfish auto test.

40. Fixed problem of IPMI not returning to login page automatically after reloading IPMI Configuration.

41. Fixed problem of AC cycle stress testing making BMC crash because of uncorrectable SMBIOS file.

42. Fixed problem of fan speed not increasing when the fan fails.

43. Fixed missing SIOM AOC Temperature showing in IPMI for AOC-MHFI-i1C.

44. Fixed wrong fan control for memory VRM temperature.

45. Fixed problem of SMCIPMITool and WebGUI showing different values for PSU FAN RPM.

46. Fixed issue with port configure page value check.

47. Fixed problem of the power supply FRU being empty in DMI after the AC is first powered on.

48. Fixed problem of M.2_ARTx Temperature sensor reading showing -1 degree C when AOC-MHFI-i1CM is installed.

49. Fixed inability of iKVM reset to close iKVM console.

50. Set LDAP default IP address to show as 0.0.0.0.

51. Fixed incorrect power history record after AC cycle stress test.

52. Fixed problem of iKVM not working properly after iKVM reset.

53. Fixed inability of No Access User Network Privilege to be displayed on User page.

54. Fixed inability to erase hostname on network page.

55. Fixed problem of power history record page timing out due to abnormal power peak.

56. Enabled AOC MAC address to show on system page without TAS.