IPMI Firmware

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. Allow saving and restoring syslog configuration via maintenance->IPMI Configuration.** **3. Prevented invalid IP format on IP Access Control page.** **4. Removed clearing of license when clearing configuration.**

	5. Displayed BigTwin backplane hardware version B102 as 1.02B on BPN-NVME3-217BHQ.
	6. Show correct node power reported by IPMI on BPN-ADP-6SATA3H4-1UB.
	7. Corrected M.2_ARTx temperatures on 2U4N BPN-ADP-6SATA3H4-1UB with I2C Mux channel 2.
	8. Blue LED no longer stays off when red LED is on for hardware issues.
	9. Redfish no longer returns 500 being when NetworkProtocol is patched after factory default.
	10. LAN configuration and power control no longer fails after BMC VLAN is enabled and LAN mode is changed.
	11. Disallow user names fewer than 4 characters.
	12. All KVM consoles no longer disconnects after launching 4 maximum sessions.
	13. Show alert, sensor error status, and blinking error LED when removing power supply.
	14. Prevent AD/LDAP/RADIUS conflict.
	15. Prevent assigning 2 or more actions to the same hotkey.

Release Notes from Previous Release(s)

3.70 (3/21/2018)

1. System event log records most configuring operations.
2. SMCIPMITool "pminfo" command no longer fails.
3. Corrected miscellaneous typos.
4. Remote Control -> HDD/SSD Power Control no longer shows "Not present" in 6NVME.
5. Miscellaneous stability enhancements.

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 riser RSC-P2-88.

9. Added support for GetSetBMCStatus command for TAS.
10. Added save button to WebUI Server Health->Sensor reading page.
11. KCS no longer hangs when system reboots during Cburn SAT.
12. uboot stability enhancements.
13. SDHM can control fan PWM of backplane.
14. BMC/FRU settings no longer lost when updating BMC.
15. Session no longer times out when updating hybrid backplane with wrong EC firmware.
16. Show proper device ID for sensor AOC_NIC_Temp.
17. Remove duplicate sensor information.
18. Webpage no longer shows 404 Not Found error when "here" is clicked on Firmware Upload page.
19. Allow patching BitRate in Redfish.
20. Allow patching DateTime in Redfish.
21. email or SNMP can receive sensor alerts.
22. Corrected date and time in Maintenance System Event Log.
23. UpdateBMC progress shown correctly.
24. BMC now shows correct FAN1/FAN2 reading on NVMe backplane BPN-ADP-12NMVe-2UB.
25. Intel P4500 NVMe information shown properly IPMI WebGUI.
26. Failed DIMM location now matches the motherboard silkscreen.
27. Modify Redfish 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].
28. 'CD-ROM Image' can be mounted using the web.
29. IPMI no longer filled with "Invalid Power offset" messages.
30. Corrected some abnormal syslog entries.
31. Added NVMe Eject button on IPMI webpage.
32. IPMI now returns to the login page automatically after reloading IPMI Configuration.
33. Fan speed not shown to increase after fan failures.
34. SIOM AOC Temperature shown correctly in IPMI for AOC-MHFI-i1C.
35. Corrected fan control for memory VRM temperature.
36. SMCIPMITool and WebGUI shows consistent values for PSU FAN RPM.
37. Add range checks in Port configure page.
38. Power supply FRU no longer empty in DMI after the AC is first powered on.
39. M.2_ARTx Temperature sensor no loner shows -1 degree C when AOC-MHFI-i1CM is installed.
40. IKVM reset closes IKVM console.
41. Set LDAP default IP address to 0.0.0.0.
42. iKVM reset functions properly.
43. No Access User Network Privilege displayed properly on User page.
44. Allow erasing hostname on network page.
45. Power history record page no longer times out due to abnormal power peak.
66. Show AOC MAC address on system page without TAS.