IPMI Firmware / BIOS Release Notes Form

Product Name	**X10DRL-C/CT/iT**
Release Version	**3.87**
Release Date	**10/29/2019**
Previous Version	**3.80**
Update Category	**Critical**
Dependencies	**N/A**
Important Notes	**ECO #23222** **SMT_X10IPMI_387_REDFISH.zip** **Please update IPMI FW with attached Flash Utility in package.**
Enhancements	1. **Set Redfish scheme to be case insensitive.** 2. **Blocked iKVM virtual storage if VM port is disabled.**
New features	1. **Added display of all IPv4/IPv6 addresses on the sys_info page.** 2. **Added IPv6 Static Router.** 3. **Added support for KCM privileges.** 4. **Set IPv6 to disabled by default.** 5. **Added support for unique pre-programmed default password, form 299-00-190617-001.**

Fixes	1. Fixed problem of upgrade to IPMI firmware 3.83 causing BMC to crash. 2. Fixed problem of Web session timing out when logging into BMC with AD/BMC account. 3. Fixed failure of IPMI to create a new event when attempting to log in using incorrect credentials. 4. Fixed issue with display of long AD domain name. 5. Fixed failure of SMSTC test with SUM 2.3.0. 6. Fixed failure of SMSTC test with SMCIPMITool. 7. Fixed issue of AOC_NIC_Temp sensor not displaying a value. 8. Corrected NVMe Info through SMCIPMITool. 9. Fixed failure to accept the special characters on the share host field. 10. Corrected fan curve for VRM and DIMM under standard mode. 11. Set license to activate when MAC changes and OOB source is enabled. 12. Fixed mismatch of preservation in 3.85 and 3.86 firmware. 13. Corrected behavior after updating BIOS through IPMI WebUI. 14. Fixed problem of Web BMC alert email limiting the number of words. 15. Followed Ultra system to adjust Health event log severity. 16. Fixed failure of SUM IPMI test for Test Case 215. 17. Added VM Security patch. 18. Fixed failure of legacy power supply to respond to BMC. 19. Fixed enable/disable for Launch KVM button. 20. Fixed failure to mount CD-ROM image.

3.80 (3/22/2019)

1. *Improved Redfish webserver stability/performance.*
2. *Added support for AD/LDAP/RADIUS hostname.*
3. *Patched CVE-2019-6260 pantsdown security fix.*
4. *IPMITool no longer hangs due to special characters &~`!@#$%^*()_- +={[}]|\:;"'.?/ in username and password.*
5. *Improved webUI displays after AD configuration.*

3.75 (1/31/2019)

1. *Corrected "Trouble Shooting" to "Troubleshooting".*
2. *Synced system MAC and AOC MAC to Redfish without TAS.*
3. *Added support for BBP2 PWS-1K01B-1R.*
4. *Added syslog configuration support for IPv4 and IPv6 hostname.*
5. *Added ability of SMCIPMITool to download Maintenance event log.*
6. *Added advanced health event log.*
7. *Copied BM/BP/BS from FRU1 to FRU0 if they are empty.*
8. *Added BMC firmware support for LSI3108 firmware update through I2C.*
9. *Added support for new Redfish APIs.*
10. *Corrected Java SOL not launching a second time.*
11. *Removed BMC memory leak.*
12. *Detect PWS-721P power supply.*
13. *Allow reading SMC power supply FRU.*
14. *Allow setting user privilege to No Access via cmd.*
15. *Changed 'event log' to 'health event log' and 'system event log' to 'maintenance event log'.*
16. *Prevented invalid IP format on IP Access Control page.*
17. *Clearing configuration no longer clears IP configuration.*
18. *Fixed issue with redfish/v1/Systems/1/Storage/HA-RAID/Volumes.*
19. *Redfish no longer returns 500 when NetworkProtocol is patched after factory default.*
20. *LAN configuration and power control no longer fails after BMC VLAN is enabled and LAN mode is changed.*
21. *User name length can't be less than 4 characters.*
22. *Existing KVM consoles no longer disconnects after launching the maximum of 4 sessions.*
23. *Corrected missing alert, sensor error status, and blinking error LED when removing power supply.*
24. *Corrected AD/LDAP/RADIUS conflict.*
25. *Disallow setting actions to 2 or more hotkeys.*
26. *"Power Source" now shows up in IPMI WebGUI Server Health page.*
27. *Misc web page formatting.*
28. *IPMI no longer incorrectly parses PCIe correctable error to other description.*
29. *Fixed problem of Time Stamp displaying 1970/01/01 in health event log during AC on/off test.*
30. *Added support for the UEFI PXE boot device via Redfish.*