IPMI Firmware

Product Name	**X11DPT-B**
Release Version	**1.56**
Release Date	**9/5/2018**
Previous Version	**1.53**
Update Category	**Recommended**
Dependencies	**None**
Important Notes	**None**
Enhancements	**N/A**
New features	**1. Added support for TaskService feature during BMC and Broadcom storage controller update in Redfish.** **2. Added parameter (SkipCheckingME) for BIOS update in Redfish to skip ME checking.** **3. Added support for Redfish SimpleUpdate for BMC and BIOS firmware.** **4. Changed FirmwareInventory to SmcFirmwareInventory to prevent user confusion with Redfish standard definition.** **5. Set the MAC address format to revert to "xx:xx:xx:xx:xx:xx" in order to prevent backward compatibility.** **6. Added support for saving 3108 storage controller status event.** **7. Added support for NIC/GPU Asset Information on Redfish.**

	8. Added hardware component status in Redfish/WebGUI.
	9. Added support for TaskService feature during BIOS update in Redfish.
	10. Added new feature for GUID/BoardID in Redfish.
	11. Added new feature for event data extension in Redfish.
	12. Added OEM event Description and Severity in Redfish/WebGUI.
	13. Provided Event Acknowledgment for the events with Warning/Critical severity level.
Fixes	1. Fixed failure of NVMe temperature sensor reading to decrease.
	2. Fixed problem of IPMI Web showing system warning after updating firmware to 1.54.
	3. Fixed inability of IPMICFG and IPMITool to change IPMIIPv6 mode.
	4. Fixed problem of ME firmware crashing when running SUM test.
	5. Fixed OEM Event Alert.
	6. Fixed problem of the system showing as normal when the power fails.
	7. Fixed failure to update SSL certificate file.

1.53 (5/30/2018)

1. Added support for Intel RSTe RAID status reporting for TAS + BMC Firmware Support TAS ver. 1.5.2 and extended SEL explanation for sensor type 0x0D (Drive Slot).
2. Revised Redfish firmware inventory (BIOS/BMC update).
3. Added support for new Redfish firmware inventory (3108 storage controller) to update firmware.
4. Added new Redfish features for downloading and uploading IPMI configuration.
5. Revised Redfish "Actions" for clearing event log.
6. Added adaptive temperature threshold in SDR for drives connected to 3108.
7. Enabled AC Power On Event log.
8. Added Redfish memory information feature.
9. Enabled update of 3108's firmware over BMC's Web page.10. Added enable and disable options for 3108's JBOD mode over BMC's Web page and Redfish API "/redfish/v1/Systems/1/Storage/HA-RAID".
10. Fixed failure of Redfish API test.
11. Set AC Power On Event log to be reported when BMC executes cold reboot.
12. Fixed failure of one of the devices on IPMI WebGUI Health NVMe SSD page to display (6) NVMe SSD devices.
13. Changed UTC zone time by SMCIPMITool commands.
14. Fixed incorrect power readings on "power consumption" page.
15. Fixed inability to update 3108 via IPMI WebGUI.
16. Fixed problem of the help page of iKVM/HTML5 console not supporting multi-language content and only supporting English.

1.45 (2/6/2017)

1. Improved the help message descriptions to follow Help Menu Suggestions v1.8.
2. Added new "Nuvoton Firmware Update" UI.
3. Adjusted VBAT's low battery threshold from 2.7V to 2.6V for new battery-cell BR2032.
4. Removed the scrollbar and moved the buttons to the top.
5. Improved multi-language content on the iKVM/HTML5 option menu and submenu.
6. Added support for HII in Redfish.
7. Added support for BPN-ADP-12NVME-2UB.
8. Added support for new thermal guide (SIM_TDG REV. 4.06) to correct fan PWM failure for SIS_TDG 4.06.
9. Added support for AOC-MHFI-i1C (SIOM).
10. Added SEL for Memory RAS support.
11. Added support for RSC-P2-88 and RSC-U2M2R-8-NI22.
12. Added new advance system event log.
13. Fixed problem of help message not matching template.
14. Fixed inability of SUM to run due to invalid DMI information.
15. Fixed failure of SUM GetBmcCfg.
16. Removed Upper Critical event log on CPU sensors to follow new thermal guide (SIM_TDG REV. 4.06).
17. Fixed problem of IPMI Multinode page only showing one out of two CPU temperatures.
18. Fixed inability of IPMI firmware 1.36 to flash BIOS with SUM.
19. Fixed problem of server IP being False when disabled.
20. Fixed ability to enable "LDAP" and "Active Directory" at the same time.
21. Fixed inability to change fan mode when default fan is in standard fan mode instead of PUE2 mode.
21. Fixed problem of IPMI web BIOS update not resetting the system.

22. Fixed missing NVMeSSD tab when BPN-NVMe3-217BHQ is used.

23. Fixed problem of SIOM AOC-MHFI-i1C temperature sensor reading in IPMI WebGUI showing as N/A.

24. Corrected Redfish APIs from /redfish/v1/Systems/1/Storage/HA-RAID/HA-RAID.[controller_num].Volume.[volume_num] to /redfish/v1/Systems/1/Storage/HA-RAID/Volumes/Controller.[controller_num].Volume.[volume_num] to correct Broadcom RAID volumes error.

25. Fixed problem of IPMI Eject feature in Intel P4800 not responding.

26. Fixed problem of nm oemgetpower power consumption being too low.

27. Fixed problem of NVMe SSD Tab not allowing access to 6 to 11 for BPN-ADP-12NVME-2UB.

28. Fixed failure of Redfish automation test.

29. Fixed problem of CPU power consumption and frequency becoming unstable after power policy is triggered.

30. Fixed problem of UI LED solid blue light remaining on after default 15 seconds.

31. Fixed problem of IPMI SDR showing two "AOC_NIC_Temp" readings when SIOM AOC-MTG-i4T is installed.