

IPMI Firmware

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Product Name	X11SPH-nCTF/nCTPF
Release Version	1.55
Release Date	8/15/2018
Previous Version	1.24
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	<ol style="list-style-type: none">1. Improved multi-language content on the iKVM/HTML5 option menu and submenu.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. Some UI restructuring.5. 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).
New features	<ol style="list-style-type: none">1. Added support for BBP2 feature.2. Added Intel OTA feature to fix failure of SMC OOB TPM Provisioning via IPMI feature for customized provisioning table.3. Added support for new thermal guide (SIM_TDG REV. 4.06) to correct fan PWM failure for SIS_TDG 4.06.

4. Added support for Redfish firmware inventory (BIOS/BMC update).
5. Changed the color of low battery sensor state to yellow for hardware monitor failure.
6. Revised Redfish firmware inventory (BIOS/BMC update).
7. Added support for new Redfish firmware inventory (3108 storage controller) to update firmware.
8. Added new Redfish features for downloading and uploading IPMI configuration.
9. Revised Redfish "Actions" for clearing event log.
10. Added adaptive temperature threshold in SDR for drives connected to 3108.
11. Enabled AC Power On Event log.
12. Added Redfish memory information feature.
13. Enabled update of 3108's firmware over BMC's Web page.
14. 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"`.
15. Added support for TaskService feature during BMC and Broadcom storage controller update in Redfish.
16. Added parameter (SkipCheckingME) for BIOS update in Redfish to skip ME checking.
17. Added support for Redfish SimpleUpdate for BMC and BIOS firmware.
18. Renamed FirmwareInventory to SmcFirmwareInventory to prevent user confusion with Redfish standard definition.
19. Changed NodeManager to SmcNodeManager to prevent user confusion with Redfish standard definition.
20. Revert MAC address format back to "xx:xx:xx:xx:xx:xx" for backward compatibility.
21. Added support for saving 3108 storage controller status event.
22. Added support for NIC/GPU Asset Information on Redfish.
23. Added hardware component status in Redfish/WebGUI.

	<p>24. Added support for TaskService feature during BIOS update in Redfish.</p> <p>25. Added support for Node Manager feature in Redfish.</p> <p>26. Added new feature for GUID/BoardID in Redfish.</p> <p>27. Added new feature for event data extension in Redfish.</p> <p>28. Added OEM event Description and Severity in Redfish/WebGUI.</p> <p>29. Provided Event Acknowledgment for the events with Warning/Critical severity level.</p>
<p>Fixes</p>	<p>1. Removed IPMI SDR showing duplicate "AOC_NIC_Temp" readings for SIOM AOC-MTG-i4T.</p> <p>2. Can now mount ISO when the previous ISO path is longer than the current one.</p> <p>3. Can now change fan mode when default fan is in standard fan mode instead of PUE2 mode.</p> <p>4. Correct on occasion where IPMI web BIOS update doesn't reset the system.</p> <p>5. 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.</p> <p>6. IPMI can now Eject Intel P4800.</p> <p>7. Corrected help message with template.</p> <p>8. Removed Upper Critical event log on CPU sensors to follow new thermal guide (SIM_TDG REV. 4.06).</p> <p>9. IPMI webUI can now detect 2x U.2 NVME SSD.</p> <p>10. IPMI WebGUI now shows NVMe SSD in Server Health.</p> <p>11. Disabled Server IP no longer reports as False.</p> <p>12. Corrected fan duty fluctuations when multiple AVAGO 3108 AOCs are installed.</p> <p>13. Allow enabling "LDAP" and "Active Directory" at the same time.</p>

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| | <ul style="list-style-type: none">14. IPMI NVMe slot IDs now match when 12 NVMe drives are connected to second enclosure.15. IPMI Sensor Reading no longer disappears when resetting BMC AOC-SAS (LSI 3108).16. DDNS enable/disable now function.17. Changed UTC zone time by SMCIPMITool commands.18. Corrected some power readings on "power consumption" page.19. Redfish no longer returns 200 when PATCH PowerLimit reaches over 32767 in Redfish.20. Corrected decreasing NVMe temperature sensor readings.21. IPMICFG and IPMITool can now switch to IPMIIPv6 mode.22. 3108's firmware can now be updated over BMC's Web page if logical device is defined.23. iKVM/HTML5 console help page now supports multi-language content. |
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