

IPMI Firmware

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Product Name	X11DPH-i/T
Release Version	1.55
Release Date	8/15/2018
Previous Version	1.53
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	1. Adjusted lower threshold for C628 PCH voltage.
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. Changed NodeManager to SmcNodeManager to prevent user confusion with Redfish standard definition. 6. Set the MAC address format to revert to "xx:xx:xx:xx:xx:xx" in order to prevent backward compatibility. 7. Added support for saving 3108 storage controller status event. 8. Fixed inconsistency in format of BMC MAC address. 9. Added support for NIC/GPU Asset Information on Redfish. 10. Added hardware component status in Redfish/WebGUI. 11. Added support for TaskService feature during BIOS update in Redfish. 12. Added support for Node Manager feature in Redfish. 13. Added new feature for GUID/BoardID in Redfish. 14. Added new feature for event data extension in Redfish.

	<p>15. Added OEM event Description and Severity in Redfish/WebGUI.</p> <p>16. Provided Event Acknowledgment for the events with Warning/Critical severity level.</p>
Fixes	<p>1. Fixed problem of 200 being returned when PATCH PowerLimit reaches over 32767 in Redfish.</p> <p>2. Fixed failure of NVMe temperature sensor reading to decrease.</p> <p>3. Fixed problem of IPMI Web showing system warning after updating firmware to 1.54.</p> <p>4. Fixed failure of Redfish automation test.</p> <p>5. Fixed problem of ME firmware crashing when running SUM test.</p> <p>6. Fixed OEM Event Alert.</p> <p>7. Fixed failure of Redfish API test.</p>

Release Notes from Previous Release(s)

1.53 (5/30/2018)

- 1. Removed FPGA VRM temperature sensor monitoring.*
- 2. Adjusted lower threshold for C628 PCH voltage.*
- 3. 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).*
- 4. Enabled AC Power On Event log.*
- 5. Added Redfish memory information feature.*
- 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. Fixed missing M.2 NVMe sensor.*
- 11. Changed UTC zone time by SMCIPMITool commands.*
- 12. Set AC Power On Event log to be reported when BMC executes cold reboot.*
- 13. Fixed incorrect power readings on "power consumption" page.*
- 14. Fixed problem of IPMI SDR showing two "AOC_NIC_Temp" readings when SIOM AOC-MTG-i4T is installed.*
- 15. Fixed problem of only on-board M.2 NVMe SSD temperature reading being supported after hardware 1.02.*
- 16. Fixed problem of fan RPM fluctuating with IPMI v1.48 when M.2 reading is present.*
- 17. Set AC Power On Event log to be reported when BMC executes cold reboot.*
- 18. Fixed inability to update 3108 via IPMI WebGUI.*