

## 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	<ol style="list-style-type: none"><li>1. Adjusted lower threshold for C628 PCH voltage.</li></ol>
New features	<ol style="list-style-type: none"><li>1. Added support for TaskService feature during BMC and Broadcom storage controller update in Redfish.</li><li>2. Added parameter (SkipCheckingME) for BIOS update in Redfish to skip ME checking.</li><li>3. Added support for Redfish SimpleUpdate for BMC and BIOS firmware.</li><li>4. Changed FirmwareInventory to SmcFirmwareInventory to prevent user confusion with Redfish standard definition.</li><li>5. Changed NodeManager to SmcNodeManager to prevent user confusion with Redfish standard definition.</li><li>6. Set the MAC address format to revert to "xx:xx:xx:xx:xx:xx" in order to prevent backward compatibility.</li><li>7. Added support for saving 3108 storage controller status event.</li><li>8. Fixed inconsistency in format of BMC MAC address.</li><li>9. Added support for NIC/GPU Asset Information on Redfish.</li><li>10. Added hardware component status in Redfish/WebGUI.</li><li>11. Added support for TaskService feature during BIOS update in Redfish.</li><li>12. Added support for Node Manager feature in Redfish.</li><li>13. Added new feature for GUID/BoardID in Redfish.</li><li>14. Added new feature for event data extension in Redfish.</li></ol>

	<p><b>15. Added OEM event Description and Severity in Redfish/WebGUI.</b></p> <p><b>16. Provided Event Acknowledgment for the events with Warning/Critical severity level.</b></p>
Fixes	<ol style="list-style-type: none"> <li><b>1. Fixed problem of 200 being returned when PATCH PowerLimit reaches over 32767 in Redfish.</b></li> <li><b>2. Fixed failure of NVMe temperature sensor reading to decrease.</b></li> <li><b>3. Fixed problem of IPMI Web showing system warning after updating firmware to 1.54.</b></li> <li><b>4. Fixed failure of Redfish automation test.</b></li> <li><b>5. Fixed problem of ME firmware crashing when running SUM test.</b></li> <li><b>6. Fixed OEM Event Alert.</b></li> <li><b>7. Fixed failure of Redfish API test.</b></li> </ol>

#### ***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.*