

IPMI Firmware

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Product Name	X11DPX-T
Release Version	1.64
Release Date	1/16/2019
Previous Version	1.52
Update Category	Recommended
Dependencies	N/A
Important Notes	N/A
Enhancements	<ol style="list-style-type: none">1. Migrated the IPMI Event Log to the URL "redfish/v1/Systems/1/LogServices" in Redfish and changed the name "Event Log" to "System Management Log" in Redfish and Web UI.2. Added BMC Event Log support in Redfish and changed "System Event Log" to "BMC Event Log" in Web UI.3. Changed the naming for "Health Event Log" and "Maintenance Event Log" in Web UI.4. Updated the threshold AMD GPU (MI8/MI25).
New features	<ol style="list-style-type: none">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.

	<p>3. Added support for Redfish SimpleUpdate for BMC and BIOS firmware.</p> <p>4. Changed FirmwareInventory to SmcFirmwareInventory to prevent user confusion with Redfish standard definition.</p> <p>5. Changed NodeManager to SmcNodeManager to prevent user confusion with Redfish standard definition.</p> <p>6. Revert MAC address format to "xx:xx:xx:xx:xx:xx" for backward compatibility.</p> <p>7. Added support for saving 3108 storage controller status event.</p> <p>8. Added support for NIC/GPU Asset Information on Redfish.</p> <p>9. Added hardware component status in Redfish/WebGUI.</p> <p>10. Added support for TaskService feature during BIOS update in Redfish.</p> <p>11. Added support for Node Manager in Redfish.</p> <p>12. Added new feature for GUID/BoardID in Redfish.</p> <p>13. Added new feature for event data extension in Redfish.</p> <p>14. Added OEM event Description and Severity in Redfish/WebGUI.</p> <p>15. Added OEM Event Alert.</p> <p>16. Provided Event Acknowledgment for the events with Warning/Critical severity level.</p> <p>17. 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).</p> <p>18. Enabled clearing all system event logs without generating any log and dumping all the system event logs.</p>
Fixes	<p>1. Corrected inconsistent return codes (200, 500, 503) being displayed from the BMC when using ApacheBench.</p> <p>2. Corrected Broadcom 3108 storage controller with BBU (battery unit) install on motherboard to generate one BBU de-assertion event for every BMC system reboot.</p> <p>3. Allow opening the 4th IKVM session in Redfish.</p>

	<ul style="list-style-type: none">4. Allow removing DNS server IPv6 address.5. Corrected NVMe eject and insert in Event log failures.6. Removed incorrect message appearing on iKVM/HTML5 page when disabling iKVM port.7. Display correct AOC NIC sensor threshold.8. System no longer shows normal when the power fails.9. Corrected update SSL certificate file failures.10. Redfish no longer returns 200 when PATCH PowerLimit reaches over 32767.11. Allow NVMe temperature sensor readings to decrease.12. IPMI Web no longer showing system warning after updating firmware.13. Allow IPMICFG and IPMITool to change IPMIIPv6 mode.14. Allow updating 3108's firmware over BMC's Web page if Physical/Logical HDD device is on the card.15. Multi-language support on iKVM/HTML5 console help page.16. AOC NIC Threshold now follows Thermal Guidelines.17. Corrected IPMI SOL failures.18. Corrected behavior of IPMI Web Date & Time configuration.19. System status now references PSU state when AC is lost.20. Corrected issue where Redfish causes a session to timeout after accessing the System Event Log page and BMC to boot loop.21. Allow detecting MI25 GPUs.22. Removed "Save uncompleted" message appearing when changing time and saving in IPMI Web.23. DCMS license activation now shows consistent status.24. WebUI no longer disappears after selecting simplified Chinese language.
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