

IPMI Firmware

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| Product Name | X11DPU-Z+ |
| Release Version | 1.64 |
| Release Date | 1/16/2019 |
| Previous Version | 1.53 |
| Update Category | Recommended |
| Dependencies | None |
| Important Notes | None |
| Enhancements | <ol style="list-style-type: none">1. Changed FirmwareInventory to SmcFirmwareInventory to prevent confusion with standard Redfish definition.2. Changed NodeManager to SmcNodeManager to prevent confusion with standard Redfish definition.3. Revert MAC address format to "xx:xx:xx:xx:xx:xx" for backward compatibility.4. Changed the naming for "Health Event Log" and "Maintenance Event Log" in Web UI.5. 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.6. Updated the threshold of the 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.3. Added support for Redfish SimpleUpdate for BMC and BIOS firmware.4. Added support for saving 3108 storage controller status event.5. Added support for NIC/GPU Asset Information on Redfish.6. Added hardware component status in Redfish/WebGUI.7. Added support for TaskService feature during BIOS update in Redfish.8. Added support for Node Manager feature in Redfish.9. Added new feature for GUID/BoardID in Redfish.10. Added new feature for event data extension in Redfish.11. Added OEM event Description and Severity in Redfish/WebGUI.12. Added OEM Event Alert.13. Provided Event Acknowledgment for the events with Warning/Critical severity levels. |

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| | <p>14. Enabled clearing all system event logs without generating any log and dumping all the system event logs.</p> <p>15. Added BMC support to monitor controller temperature, attached physical drive temperature, and attached physical drive status of Broadcom storage controller 3008/3216 (HBA/Host Bus Adapter).</p> <p>16. Added support for BMC Event Log in Redfish and renamed the function name from "System Event Log" to "BMC Event Log" in Web UI.</p> <p>17. Added support for the feature of riser with multi-chip.</p> <p>18. Added BMC support for Hynix memory.</p> |
| Fixes | <p>1. Allow updating 3108's firmware over BMC's Web page if Physical/Logical HDD device is on the card.</p> <p>2. Redfish no longer returns 200 when PATCH PowerLimit reaches over 32767.</p> <p>3. Allow NVMe temperature sensor readings to decrease.</p> <p>4. IPMI Web no longer showing system warning after updating firmware.</p> <p>5. Allow IPMICFG and IPMITool to change IPMIIPv6 mode.</p> <p>6. Show consistent BMC MAC address format.</p> <p>7. Allow removing DNS server IPv6 address.</p> <p>8. Fixed failure of NVMe eject and insert feature in Event log.</p> <p>9. Removed incorrect message appearing on iKVM/HTML5 page when disabling iKVM port.</p> <p>10. Display correct AOC NIC sensor threshold.</p> <p>11. Improve FAN header reporting.</p> <p>12. System no longer shows normal when the power fails.</p> <p>13. System status now references PSU state when AC is lost.</p> <p>14. Corrected update SSL certificate file failures.</p> <p>15. Corrected IPMI SOL failures.</p> <p>16. Corrected IPMI Web Date & Time Configuration failures.</p> <p>17. Corrected issue where Redfish causes a session to timeout after accessing the System Event Log page and BMC to boot loop.</p> <p>18. AOC NIC threshold now adheres to thermal guideline.</p> <p>19. Corrected inconsistent return codes (200, 500, 503) being displayed from the BMC when using ApacheBench.</p> <p>20. Corrected Broadcom 3108 storage controller with BBU (battery unit) install on motherboard to generate one BBU de-assertion event upon every BMC system reboot.</p> <p>21. Allow detecting MI25 GPUs.</p> <p>22. Removed "Save uncompleted" message appearing when changing time and saving in IPMI Web.</p> <p>23. DCMS license activation now shows consistent status.</p> <p>24. WebUI no longer disappears after selecting simplified Chinese language.</p> |