

## IPMI Firmware

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<b>Product Name</b>	<b>X11DPT-B</b>
<b>Release Version</b>	<b>1.45</b>
<b>Release Date</b>	<b>2/6/2018</b>
<b>Previous Version</b>	<b>1.28</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<b>None</b>
<b>Enhancements</b>	<ol style="list-style-type: none"><li>1. Improved the help message descriptions to follow Help Menu Suggestions v1.8.</li><li>2. Added new "Nuvoton Firmware Update" UI.</li><li>3. Adjusted VBAT's low battery threshold from 2.7V to 2.6V for new battery-cell BR2032.</li><li>4. Removed the scrollbar and moved the buttons to the top.</li><li>5. Improved multi-language content on the iKVM/HTML5 option menu and submenu.</li></ol>
<b>New features</b>	<ol style="list-style-type: none"><li>1. Added Bios configuration through Redfish.</li><li>2. Added support for BPN-ADP-12NVME-2UB.</li><li>3. Added support for new thermal guide (SIM_TDG REV. 4.06) to correct fan PWM failure for SIS_TDG 4.06.</li><li>4. Added support for AOC-MHFI-i1C (SIOM).</li><li>5. Added SEL for Memory RAS support.</li></ol>

	<p>6. Added support for RSC-P2-88 and RSC-U2M2R-8-NI22.</p> <p>7. Added new advance system event log.</p>
Fixes	<p>1. Fixed problem of help message not matching template.</p> <p>2. Fixed inability of SUM to run due to invalid DMI information.</p> <p>3. Fixed failure of SUM GetBmcCfg.</p> <p>4. Removed Upper Critical event log on CPU sensors to follow new thermal guide (SIM_TDG REV. 4.06).</p> <p>5. Fixed problem of IPMI Multinode page only showing one out of two CPU temperatures.</p> <p>6. Fixed inability of IPMI firmware 1.36 to flash BIOS with SUM.</p> <p>7. Fixed problem of server IP being False when disabled.</p> <p>8. Fixed ability to enable "LDAP" and "Active Directory" at the same time.</p> <p>9. Fixed inability to change fan mode when default fan is in standard fan mode instead of PUE2 mode.</p> <p>10. Fixed problem of IPMI web BIOS update not resetting the system.</p> <p>11. Fixed missing NVMeSSD tab when BPN-NVMe3-217BHQ is used.</p> <p>12. Fixed problem of SIOM AOC-MHFI-i1C temperature sensor reading in IPMI WebGUI showing as N/A.</p> <p>13. 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>14. Fixed problem of IPMI Eject feature in Intel P4800 not responding.</p> <p>15. Fixed problem of nm oemgetpower power consumption being too low.</p> <p>16. Fixed problem of NVMe SSD Tab not allowing access to 6 to 11 for BPN-ADP-12NVME-2UB.</p> <p>17. Fixed problem of CPU power consumption and frequency becoming</p>

	<p>unstable after power policy is triggered.</p> <p>18. Fixed problem of UI LED solid blue light remaining on after default 15 seconds.</p> <p>19. Fixed problem of IPMI SDR showing two "AOC_NIC_Temp" readings when SIOM AOC-MTG-i4T is installed.</p>
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