

## IPMI Firmware

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<b>Product Name</b>	<b>X11SPG-TF</b>
<b>Release Version</b>	<b>1.67</b>
<b>Release Date</b>	<b>3/11/2019</b>
<b>Previous Version</b>	<b>1.52</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. Updated the threshold of the AMD GPU (MI8/MI25).</li><li>2. Changed the naming for “Health Event Log” and “Maintenance Event Log” in Web UI.</li><li>3. 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.</li><li>4. Changed FirmwaveInventory to SmcFirmwaveInventory to prevent user confusing with Redfish standard definition.</li><li>5. Changed NodeManager to SmcNodeManager to prevent user confusion with Redfish standard definition.</li><li>6. Revert MAC address format to "xx:xx:xx:xx:xx:xx" for backward compatibility.</li></ol>
<b>New features</b>	<ol style="list-style-type: none"><li>1. Added BMC support for Hynix memory.</li></ol>

	<ol style="list-style-type: none"> <li>2. Enabled clearing all system event logs without generating any log and dumping all the system event logs.</li> <li>3. Added BMC Event Log support in Redfish and changed “System Event Log” to “BMC Event Log” in Web UI.</li> <li>4. Added support for TaskService feature during BMC and Broadcom storage controller update in Redfish</li> <li>5. Added parameter (SkipCheckingME) for BIOS update in Redfish to skip ME checking.</li> <li>6. Added support for Redfish SimpleUpdate for BMC and BIOS firmware.</li> <li>7. Added support for saving 3108 storage controller status event.</li> <li>8. Added support for NIC/GPU Asset Information on Redfish.</li> <li>9. Added hardware component status in Redfish/WebGUI.</li> <li>10. Added support for TaskService feature during BIOS update in Redfish.</li> <li>11. Added support for Node Manager feature in Redfish.</li> <li>12. Added new feature for GUID/BoardID in Redfish.</li> <li>13. Added new feature for event data extension in Redfish.</li> <li>14. Added OEM Event Alert.</li> <li>15. Provided Event Acknowledgment for the events with Warning/Critical severity level.</li> <li>16. 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).</li> <li>17. Added new support for Uboot code version.</li> </ol>
<p><b>Fixes</b></p>	<ol style="list-style-type: none"> <li>1. WebUI no longer disappears after selecting simplified Chinese language.</li> <li>2. DCMS license activation now shows consistent status.</li> <li>3. Allow detecting MI25 GPUs.</li> <li>4. Removed "Save uncompleted" message appearing when changing time and saving in IPMI Web.</li> </ol>

- 5. Corrected IPMI SOL failures.**
- 6. Corrected behavior of IPMI Web Date & Time configuration.**
- 7. Corrected issue where Redfish causes a session to timeout after accessing the System Event Log page and BMC to boot loop.**
- 9. AOC NIC Threshold now follows Thermal Guidelines.**
- 10. Corrected inconsistent return codes (200, 500, 503) being displayed from the BMC when using ApacheBench.**
- 11. Allow removing DNS server IPv6 address.**
- 12. Removed incorrect message appearing on iKVM/HTML5 page when disabling iKVM port.**
- 13. Display correct AOC NIC sensor threshold.**
- 14. Corrected update SSL certificate file failures.**
- 15. Redfish no longer returns 200 when PATCH PowerLimit reaches over 32767.**
- 16. IPMI Web no longer showing system warning after updating firmware.**
- 17. Allow IPMICFG and IPMITool to change IPMIIPv6 mode.**
- 18. Allow updating 3108's firmware over BMC's Web page if Physical/Logical HDD device is on the card.**
- 19. Multi-language support on iKVM/HTML5 console help page.**
- 20. Patched CVE-2019-6260 pantsdown.**
- 21. Permit special characters in passwords. If special characters are used for an account/password, it will not be added to WSMAN user list.**
- 22. Corrected KVM and remote control failures after using SSH in SMASH with AD account.**
- 23. Corrected performance degradation & unavailable SEL event appearing after Broadcom 3108 firmware is updated.**