

# IPMI Firmware

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<b>Product Name</b>	<b>X11DPG-SN</b>
<b>Release Version</b>	<b>1.55</b>
<b>Release Date</b>	<b>8/15/2018</b>
<b>Previous Version</b>	<b>1.53</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><b>1. Changed FirmwaveInventory to SmcFirmwaveInventory to prevent user confusing with Redfish standard definition.</b></li><li><b>2. Changed NodeManager to SmcNodeManager to prevent user confusion with Redfish standard definition.</b></li><li><b>3. Revert MAC address format to "xx:xx:xx:xx:xx:xx" for backward compatibility.</b></li></ol>
<b>New features</b>	<ol style="list-style-type: none"><li><b>1. Added support for TaskService feature during BMC and Broadcom storage controller update in Redfish.</b></li><li><b>2. Added parameter (SkipCheckingME) for BIOS update in Redfish to skip ME checking.</b></li><li><b>3. Added support for Redfish SimpleUpdate for BMC and BIOS firmware.</b></li><li><b>4. Added support for saving 3108 storage controller status event.</b></li><li><b>5. Added support for NIC/GPU Asset Information on Redfish.</b></li><li><b>6. Added hardware component status in Redfish/WebGUI.</b></li><li><b>7. Added support for TaskService feature during BIOS update in Redfish.</b></li></ol>

	<p><b>8. Added support for Node Manager feature in Redfish.</b></p> <p><b>9. Provided Event Acknowledgment for the events with Warning/Critical severity level.</b></p>
<b>Fixes</b>	<p><b>1. Redfish no longer returns 200 PATCH PowerLimit reaches over 32767.</b></p> <p><b>2. NVMe temperature sensor readings can decrease.</b></p> <p><b>3. IPMI Web showing system no longer shows warning after updating firmware.</b></p> <p><b>4. Allow IPMICFG and IPMITool to change IPMIIPv6 mode.</b></p> <p><b>5. Added new feature for GUID/BoardID in Redfish.</b></p> <p><b>6. Added new feature for event data extension in Redfish.</b></p> <p><b>7. Added OEM event Description and Severity in Redfish/WebGUI.</b></p> <p><b>8. Fixed OEM Event Alert.</b></p>

***Release Notes from Previous Release(s)***

**1.53 (5/30/2018)**

- 1. Revised Redfish firmware inventory (BIOS/BMC update).*
- 2. Revised Redfish "Actions" for clearing event log.*
- 3. Added support for new Redfish firmware inventory (3108 storage controller) to update firmware.*
- 4. Added new Redfish features for downloading and uploading IPMI configuration.*
- 5. Added adaptive temperature threshold in SDR for drives connected to 3108.*
- 6. Enabled AC Power On Event log.*
- 7. Added Redfish memory information feature.*
- 8. Added enable and disable options for 3108's JBOD mode over BMC's Web page and Redfish API `"/redfish/v1/Systems/1/Storage/HA-RAID"`.*
- 9. 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).*
- 10. Set AC Power On Event log to be reported when BMC executes cold reboot.*
- 11. Changed UTC zone time by SMCIPMITool commands.*
- 12. Enabled update of 3108's firmware over BMC's Web page.*
- 13. Correct power readings on "power consumption" page.*
- 14. Multi-language support of iKVM/HTML5 console help page.*