

IPMI Firmware / BIOS Release Notes Form

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Product Name	X11DDW-NT/L
Release Version	1.55
Release Date	8/15/2018
Previous Version	1.43
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	1. 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).
New features	1. Revised Redfish firmware inventory (BIOS/BMC update). 2. Added support for new Redfish firmware inventory (3108 storage controller) to update firmware. 3. Added new Redfish features for downloading and uploading IPMI configuration. 4. Revised Redfish "Actions" for clearing event log. 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. Enabled update of 3108's firmware over BMC's Web page.

	<p>9. Added enable and disable options for 3108's JBOD mode over BMC's Web page and Redfish API <code>"/redfish/v1/Systems/1/Storage/HA-RAID"</code>.</p> <p>10. Added support for BBP2 feature.</p> <p>11. Added Intel OTA feature to fix failure of SMC OOB TPM Provisioning via IPMI feature for customized provisioning table.</p> <p>12. Added support for TaskService feature during BMC and Broadcom storage controller update in Redfish.</p> <p>13. Added parameter (SkipCheckingME) for BIOS update in Redfish to skip ME checking.</p> <p>14. Added support for Redfish SimpleUpdate for BMC and BIOS firmware.</p> <p>15. Changed FirmwareInventory to SmcFirmwareInventory to prevent user confusion with Redfish standard definition.</p> <p>16. Changed NodeManager to SmcNodeManager to prevent user confusion with Redfish standard definition.</p> <p>17. Set the MAC address format to revert to <code>"xx:xx:xx:xx:xx:xx"</code> in order to prevent backward compatibility.</p> <p>18. Added support for saving 3108 storage controller status event.</p> <p>19. Fixed inconsistency in format of BMC MAC address.</p> <p>20. Added support for NIC/GPU Asset Information on Redfish.</p> <p>21. Added hardware component status in Redfish/WebGUI.</p> <p>22. Added support for TaskService feature during BIOS update in Redfish.</p> <p>23. Added support for Node Manager feature in Redfish.</p> <p>24. Added new feature for GUID/BoardID in Redfish.</p> <p>25. Added new feature for event data extension in Redfish.</p> <p>26. Added OEM event Description and Severity in Redfish/WebGUI.</p> <p>27. Provided Event Acknowledgment for the events with Warning/Critical severity level.</p> <p>28. Added support for M.2 NVMe SSD temperature sensor for X11DDW platform.</p>
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	<p>29. Adjusted 12V threshold.</p>
Fixes	<p>1. Fixed problem of the machine continuously resetting itself.</p> <p>2. Fixed failure of Redfish API test.</p> <p>3. Changed UTC zone time by SMCIPMITool commands.</p> <p>4. Set AC Power On Event log to be reported when BMC executes cold reboot.</p> <p>5. Fixed incorrect power readings on "power consumption" page.</p> <p>6. Fixed problem of IPMI SDR showing two "AOC_NIC_Temp" readings when SIOM AOC-MTG-i4T is installed.</p> <p>7. Fixed missing AOC card temperature when power first turned on by Intel(R) Xeon(R) Gold 6142F CPU at 2.60GHz.</p> <p>8. Fixed inability to update 3108's firmware over BMC's Web page if Logical device is on the card.</p> <p>9. Fixed problem of the help page of iKVM/HTML5 console not supporting multi-language content and only supporting English.</p> <p>10. Fixed problem of 200 being returned when PATCH PowerLimit reaches over 32767 in Redfish.</p> <p>11. Fixed failure of NVMe temperature sensor reading to decrease.</p> <p>12. Fixed problem of IPMI Web showing system warning after updating firmware to 1.54.</p> <p>13. Fixed failure of Redfish automation test.</p> <p>14. Fixed inability of IPMICFG and IPMITool to change IPMIIPv6 mode.</p> <p>15. Fixed problem of ME firmware crashing when running SUM test.</p> <p>16. Fixed OEM Event Alert.</p>

Release Notes from Previous Release(s)

1.43 (12/18/2017)

1. Improved multi-language content on the iKVM/HTML5 option menu and submenu.
2. Added new advance system event log.
3. Fixed inability to change fan mode when default fan is in standard fan mode instead of PUE2 mode.
4. Fixed problem of IPMI web BIOS update not resetting the system.
5. Fixed Redfish APIs to correct Broadcom RAID volumes error.
6. Fixed problem of IPMI Eject feature in Intel P4800 not responding.

1.38 (11/20/2017)

1. Improved the help message descriptions to follow Help Menu Suggestions v1.8.
2. Adjusted VBAT's low battery threshold from 2.7V to 2.6V for new battery-cell BR2032.
3. Removed the scrollbar and moved the buttons to the top.
4. Added support for new thermal guide (SIM_TDG REV. 4.06) to correct fan PWM failure for SIS_TDG 4.06.
5. Added support for Redfish firmware inventory (BIOS/BMC update).
6. Added SPEC Power.
7. Added SEL for Memory RAS support.
8. Fixed problem of help message not matching template.
9. Fixed inability of SUM to run due to invalid DMI information.
10. Fixed failure of SUM GetBmcCfg.
11. Removed Upper Critical event log on CPU sensors to follow new thermal guide (SIM_TDG REV. 4.06).
12. Fixed inability of IPMI firmware 1.36 to flash BIOS with SUM.
13. Fixed inability to detect 2x U.2 NVME SSD in IPMI WebGUI, problem of fan speed control not working with firmware revision 01.35, problem of Standard Speed and Full Speed fan modes being the same for IPMI 1.35, and failure of fan PWM for SIS_TDG 4.06.
14. Fixed problem of Server IP being False when disabled.
15. Fixed ability to enable "LDAP" and "Active Directory" at the same time.
16. Fixed IPMI's mismatching NVMe slot IDs in the pop up windows for 12 NVMe drives connected to second enclosure.
17. Fixed issue with DDNS enable/disable functionality.