

IPMI Firmware

Supermicro disclaims all express and implied warranties, including without limitation, the implied warranties of merchantability, fitness for a particular purpose, and non-infringement, as well as any warranty arising from course of performance, course of dealing, or usage in trade. All products, computer systems, dates, and figures specified are preliminary based on current expectations, and are subject to change without notice. Supermicro and the Supermicro logo are trademarks of Super Micro Computer, Inc. in the U.S. and/or other countries. Copyright © 2018 Super Micro Computer, Inc. All rights reserved.

Product Name	X11DPG-QT
Release Version	1.53
Release Date	5/30/2018
Previous Version	1.39
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	1. Revised Redfish firmware inventory (BIOS/BMC update). 2. Revised Redfish "Actions" for clearing event log. 3. Removed FPGA VRM temperature sensor monitoring.
New features	1. Added new advance system event log. 2. Improved multi-language content on the iKVM/HTML5 option menu and submenu. 3. Added Intel OTA feature to fix failure of SMC OOB TPM Provisioning via IPMI feature for customized provisioning table. 4. Added support for new Redfish firmware inventory (3108 storage controller) to update firmware. 5. Added new Redfish features for downloading and uploading IPMI configuration. 6. Enabled AC Power On Event log. 7. Added Redfish memory information feature.

	<p>8. 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>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).</p>
Fixes	<p>1. Fixed incorrect fan mode.</p> <p>2. Fixed problem of IPMI web BIOS update not resetting the system.</p> <p>3. Fixed incorrect power readings on "power consumption" page.</p> <p>4. Fixed missing AOC card temperature when power first turned on by Intel(R) Xeon(R) Gold 6142F CPU at 2.60GHz.</p> <p>5. Set AC Power On Event log to be reported when BMC executes cold reboot.</p> <p>6. Changed UTC zone time by SMCIPMITool commands.</p> <p>7. Fixed inability to update 3108 via IPMI WebGUI.</p> <p>8. Fixed problem of the help page of iKVM/HTML5 console not supporting multi-language content and only supporting English.</p>

Release Notes from Previous Release(s) – these will be appended at the bottom of the current release notes in italic and in smaller print

1.39 (11/17/2017)

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. Fixed problem of help message not matching template.
5. Fixed inability of SUM to run due to invalid DMI information.
6. Added support for new thermal guide (SIS_TDG REV. 4.06).
7. Added support for Redfish firmware inventory (BIOS/BMC update).
8. Changed Redfish APIs for Broadcom RAID volumes error 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].
9. Fixed failures of battery low threshold and 2.55v.
10. Fixed failure of SUM GetBmcCfg.
11. Removed Upper Critical event log on CPU sensors.
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.