IPMI Firmware Release Notes

Product Name	X11QPH+
Release Version	1.73.03
Build Date	6/30/2020
Previous Version	1.71.18
Update Category	Recommended
Dependencies	None
Important Notes	Downgrade from 1.73 to older FW, reset to default is MUST. Otherwise, it will fail to login web function and so does FW update function.
Enhancements	1. Disabled 3rd Broadcom card.
New features	1. New Storage WebUI change 2. Monitor NVIDIA GPU cards Support 3. Support Network AOC info on BMC UI 4. Support Redfish 1.8 API 5. Support HTML5 VM and Remote Console UI change 6. Support BMC UI and Redfish System Component Health Status 7. Support Marvell SE9230 raid card 8. Support IPv4 and IPv6 Stack Selection 9. Support BMC KCS Interface Security Solution 10. Support WebUI Button Requirements 11. Support AOC NVMe M.2 Sensor Reading 12. Support SNMPv3 Trap and New MIBs feature

Fixes	1. Fixed failure of installed NVMe SSDs to display in latest IPMI firmware Rev. 1.73.01 (3/16).
	2. Fixed failure of OOB BIOS update function via SUM 2.5.0.
	3. Fixed missing event log for yellow icon in System Health.
	4. Fixed problem of the Storage Monitoring page appearing without storage card present.
	5. Corrected license for HTML5 VM.
	6. Fixed inconsistency between X11 and X10 firmware for long hostname string.
	7. Fixed failure of SUM test.
	8. Fixed problem of SMASH only taking up to 403 characters before disconnecting.
	9. Fixed missing AOC_M2_temp sensor reading from standard IPMI firmware for M.2 NVMe installed on "AOC-SLG3-2M2".
	10. Fixed failure of Linux OS to reboot due to BMC firmware.
	11. Fixed problems of IPMI displaying the same location for two AOCs at different bus numbers, the "Model:" item reporting "UNKNOWN 0x00000000" in the controller information table, the "Manufacturer:" item displaying "Illegal Vendor ID" for the controller information, vendor information displaying incorrectly for HDD SATA drive at Physical Drive View, and Device 0 and Device 1 both displaying at slot 2.

1.71.17 (12/30/2019)

1. Implemented security fix.
2. Fixed missing VRM sensor.

1.71.11 (10/25/2019)

1. Added BMC firmware solution to program and store unique pre-programmed password.
2. Corrected verification of the concatenate string of unique password.
3. Fixed ability to clear unique password using raw command 0x30 0x74 0x2.
4. Fixed ability to remove unique password set bit by IPMITool raw command.
5. Corrected response 204 when posting factory default with invalid option value on Redfish and response 503 when posting factory default with empty body on Redfish.
6. Fixed failure of Java KVM to block Virtual Media section and show warning message when virtual media port is disabled.
7. Fixed missing new load factory default options for IPMICFG/SMCIPMITool/Redfish for IPMI firmware 1.71.7.
8. Fixed inconsistent behavior for factory function.
9. Corrected message for Delete User Without Selecting Slot.

1.70 (5/20/2019)

1. Added support for DCPMM (AEP DIMM) sensor reading.
2. Added support for onboard M.2 sensor reading.
3. Fixed inability to show GPU temperature sensor reading on firmware 1.69, and problem of all sensors showing "Not Present" in WebGUI.
4. Fixed missing IPMI NVMe SSD tab from IPMI WebGUI after updating to IPMI firmware 1.69.
5. Fixed problem of StorageController 2 access becoming degraded or unavailable.
6. Fixed missing leading zero in minor version of /Managers/1/ FirmwareVersion.
7. Fixed ability to set VLAN ID to 4095 without warning message appearing, fixed inability to PATCH VLAN ID, and changed VLAN ID range to 1-4094.

1.64 (1/16/2019)

1. Fixed problem of WebUI disappearing after selecting simplified Chinese language.

1.63 (1/04/2019)

1. Added GPU temperature sensor reading on X11QPH.
2. Fixed problem of DCMS license activation showing inconsistent results between IPMI firmware 1.52 and 1.61.
3. Fixed inability of CPU VRM to drive fans on X11QPH.