BMC Firmware Release Notes

Product Name	X11QPH+
Release Version	1.74.13 signed
Release Date	08/22/2023
Previous Version	1.74.09
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	None
New features	None
Fixes	1. HTML5 iKVM recordings have no visual output. 2. Security Fixes: CVE-2023-40287, CVE-2023-40288, CVE-2023-40286, CVE-2023-33413.

1.74.09 (10/22/2022)

1. *Extend the execution time of the VRM utility.*
2. *When the battery is INSTALLED, VRM utilities can be used on the X11QPH+.*
3. *Virtual Media on the HTML5 iKVM console is inoperable.*

1.74.06 (8/28/2022)
1. *Block I2C master w/r command for VRM channel (channel 1).*

1.74.04 (2/25/2021)
1. *Added support for 39xx, 38xx storage card sensor reading.*
2. *Removed SSH weak MAC Algorithms Enabled.*
3. *Fixed jQuery 1.2 < 3.5.0 Multiple XSS (cross scripting vulnerability).*
PCH temperature threshold settings revised, updated GPU support list for Nvidia A16, temperature threshold for Nvidia A16 and P400, corrected Nvidia A100 80Gb PCIe GPU thresholds.
4. *Fixed inability to save valid domain name on AD page*

1.74.02 (5/10/2021)
1. *Fixed failure of failed alert to appear in 'Trap Receiver' and malfunction of SNMP alert.*
2. *Fixed missing "AOC_NIC_Temp" IPMI sensor during AC on/off test.*
3. *Added support for PLDM sensor reading on add-on NIC cards.*
4. *Added support for AMD MI100 GPU HBA temperature display if it is hotter than on-die temp.*
5. *Fixed problem of Supermicro treating SLAAC IP differently from HPE when setting up IPv6 SLAAC.*
6. *Fixed problem of BMC Sensors becoming disabled after on/off stress test.*

1.73.06(10/20/2020)
1.*Fixed missing IPMI sensor during AC on/off test.*
2.*Fixed hardware information.*
3.*Fixed malfunction of KCS after BCM reboot.*

1.73.03 (6/30/2020)
1. *Disabled 3rd Broadcom card.*
2. *Added BMC firmware Q1 2019 features.*
3. *Added NVIDIA GPU monitoring and Network page info on UI.*
4. *Added support for Redfish 1.8 API.*
5. *Added Signed299_Requested BMC firmware modification.*
6. *Added BMC KCS Interface Security Solution.*
7. *Added WebUI_Button_Requirements_v1.*
8. *Added AOC NVMe M.2 Sensor Reading.*
9. *Added SNMPv3_SNMP MIBs features_1.1.*
10. *Fixed failure of installed NVMe SSDs to display in latest IPMI firmware Rev. 1.73.01 (3/16).*
11. *Fixed failure of OOB BIOS update function via SUM 2.5.0.*
12. *Fixed missing event log for yellow icon in System Health.*

13. Fixed problem of the Storage Monitoring page appearing without storage card present.
14. Fixed failure of IPMI ECO Robot test.
15. Corrected license for HTML5 VM.
16. Fixed inconsistency between X11 and X10 firmware for long hostname string.
17. Fixed failure of SUM test.
18. Fixed problem of SMASH only taking up to 403 characters before disconnecting.
19. Fixed missing AOC_M2_temp sensor reading from standard IPMI firmware for M.2 NVMe installed on "AOC-SLG3-2M2".
20. Fixed failure of Linux OS to reboot due to BMC firmware.
21. Fixed failure of IPMI ECO Automation caused by KCS error.
22. 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.

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Product Manager   *Date*