IPMI Firmware / BIOS Release Notes Form

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Product Name	**X11DGQ**
Release Version	**1.12**
Release Date	**11/16/2017**
Previous Version	**1.06**
Update Category	**Critical**
Dependencies	**None**
Important Notes	**N/A**
Enhancements	**1. Set PWM at 50% for X11 non-GPU platforms when BMC resets.** **2. Optimized Intel NVMe P4500 display in IPMI NVMe SSD webpage.** **3. Added VBAT error for below 2.5 and warning for below 2.6.** **4. Updated Aspeed platform S V17.** **5. Hid unused power supply information in power source page.**
New Features	**1. Added support for GetSetBMCStatus command for TAS.** **2. Added support for EC update if NVMe backplane is installed.** **3. Added support for GPU V100.** **4. Added auto refresh to sensor reading page.** **5. Added support for Thermal Design Guide v4.06 and X11 GPU Thermal Design Guide Rev Draft C_20170823 so that AOC temperature threshold is 100C instead of 85C.** **6. Added notification for syslog server redirection in Event log and System event log.**

	7. Added support for Thermal Design Guide v4.06.
Fixes	1. Fixed failure of KVM Console to launch via IPMIView. 2. Fixed problem of FAN duty showing 100% on standard and heavy IO mode when CPU VRM temperature decreases. 3. Followed thermal guide v4.06 by setting fan to 50% PWM in Booting Up Stage when AC is lost. 4. Fixed problem of extra characters showing after patching a shorter username and password in Redfish. 5. Fixed problem of the webpage showing "404-Not Found" if clicking on "here" in Firmware Upload page after cancelling firmware upload. 6. Fixed failure of KCS Cburn on/off. 7. Fixed inability of sensor alerts to be received by email or SNMP. 8. Fixed problem of BIOS upgrade making system lose MAC and BIOS crash. 9. Fixed problem of AC cycle stress testing making BMC crash due to uncorrectable SMBIOS file. 10. Fixed function of IPMI VBAT detection. 11. Set IPMI to return to login page after reloading IPMI configuration.