

IPMI Release Notes Form

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Product Name	X12DPG-OA6
Release Version	01.01.12
Build Date	9/13/2021
Previous Version	01.01.02
Update Category	Critical
Dependencies	None
Important Notes	None
Enhancements	<ol style="list-style-type: none">1. Enhanced BIOS Golden update.2. Upgraded Dropbear to version 2019.78.3. Added one more byte in raw 0x30 0x68 0xE0 0x00.4. Set system slot at "Location" in Network AOC tab to be used.5. Removed BMC share LAN manual mode between AIOM and onboard.6. Made Rollback ID alert a tooltip.7. Set Rollback ID checkbox for motherboard CPLD to disabled when license is unactivated.8. Removed DCMS license requirement for updating BMC/BIOS Golden and getting Rollback ID.
New features	<ol style="list-style-type: none">1. Added support for network AOC firmware update.2. Added support for Staged BIOS update.

	<p>3. Added support for more GPUs like NVidia Ampere RTX A4000 and A5000.</p> <p>4. Added support for a maximum of 4 Mellanox cards.</p> <p>5. Added support for UFFN via Redfish.</p> <p>6. Added BIOSVersion and BootBlockVersion property to StorageController.</p> <p>7. Added querying stored rollback ID.</p>
<p>Fixes</p>	<p>1. Fixed failure to turn On/Off the "System Lockdown Mode" icon to sync status with different user.</p> <p>2. Fixed inconsistency of behavior when setting user name and password as the same (through adding or modifying).</p> <p>3. Fixed problem of IKVM remote console showing 0x3F8 control code after loading factory default.</p> <p>4. Fixed failure of Storage Monitoring page to show correct data.</p> <p>5. Fixed SNMP range and special characters.</p> <p>6. Fixed failure of IPv4 static subnet mask format.</p> <p>7. Fixed inability of 0x30 0x68 0x28 0x06 0x01 command to get Stage/Backup/Golden BIOS revision.</p> <p>8. Corrected data shown for the vendor model name on GPU info page.</p> <p>9. Fixed problem of "required" overlapping when mounting CD-ROM image, problem of tips in line feed for Japanese/Chinese appearing as incomplete, and number of drives displaying issues on overview/physical.</p> <p>10. Fixed inability to get current rollback ID setting from BMC.</p> <p>11. Fixed problem of the battery status showing as "Not Install" when the battery module has been plugged in.</p> <p>12. Fixed failure of BIOS ECO SUM.</p> <p>13. Fixed problem of session timeout occurring when failing multiple verifications.</p> <p>14. Fixed failure to update RAID controller by old method.</p>

15. Fixed problem of BMC WebUI logging out immediately after logging in BMC WebUI.
16. Fixed failure of SATC AD test case.
17. Fixed issue of BMC Web hanging when getting network AOC information.
18. Fixed problem of IPMI showing N/A on AOC Temp reading.
19. Fixed inability to detect sensor reading "AOC_NICI_Temp" when AOC-S25GC-i4S card is attached.
20. Fixed problem of BMC generating AIOM sensor when there is no AIOM card.
21. Fixed inconsistency of save success messages for WebUI.
22. Fixed ability to configure some functions when using "Operator" Privilege.
23. Fixed problem of "Configured-driver is rebuilding" showing in physical view after RAID status in logical view returns to "Optimal" and found 3 (expecting 1) "HDD is rebuilding" event logs on web.
24. Fixed problem of IPMI event log showing as null when event log adds to 4096.
25. Fixed failure of page to respond when VM has a bad file name.
26. Fixed 13 failures of IPMIECO Automation test.
27. Fixed inability to connect to IPMI Web using http://IP:81 when web port 81 is ON.
28. Fixed problem of the Battery status displaying "Prohibit" icon when RAID card does not support battery module and battery status error in Storage Monitoring.
29. Fixed problem of PFR action button behavior changing from show/hide to disable/enable.
30. Fixed missing translation to Japanese and simplified Chinese for component information and DDNS/IPMI/License Activation "Select Files" button, and "Multi Node" related information in Help content.

31. Fixed problem of the NTP Enable switch position moving to On and the "On/Off" string disappearing after disabling NTP.
32. Fixed problem of the web page logging out when changing "System Lockdown" (either On to Off or Off to On).
33. Fixed problem of file names affecting verification.
34. Fixed missing health when there is no linkup with TAS.
35. Fixed problems of NetworkDeviceFunctions collection count showing as 0 and NetworkDeviceFunctions showing MAC as garbled.
36. Fixed failure of test via SMSTC.
37. Fixed problem of PSU page extended info automatically minimizing.
38. Fixed failure of COM2 console redirection to connect.
39. Fixed presence of sensor for AIOM 1G (AOC-AG-i2M).
40. Fixed failure of IPMI WebUI to respond and ability to receive logs when the log is full (512 logs) after disabling the FIFO.
41. Fixed problem of Oops error being returned when turning on "Virtual Media Port" first.
42. Fixed inability of 1.01.03 to enable Dynamic DNS in setting process.
43. Fixed issues with spelling on component information.
44. Fixed problem of error being returned when using full-width characters when adding or modifying user name and mismatched hit message being returned when inputting full-width characters for user password.
45. Fixed problem of HDD rebuilding showing too many logs on web.
46. Corrected DNS Server2 IP default value, fixed inability to configure DNS Server IP/DNS Server2 IP on Network page, and enhanced IPv4 static netmask input validation.
47. Fixed problem of Health Event Log page hanging in reading process when creating over 4096 events.
48. Fixed error with event log when rebuilding HDD slot2.

49. Fixed problem of PSU status displaying wrong error if system is powered off and PSU has a power cord.
50. Fixed failure of selected protocol (SHA96/AES128) to save at SNMPv3 (Alert).
51. Fixed mismatch of "Message" field on "Alerts" page when protocol is "Redfish".
52. Fixed inability to disable SOL.
53. Fixed problem of Chassis Intrusion status de-asserting automatically after being triggered.
54. Fixed failure of web session timeout.
55. Fixed PWS sensor reading.
56. Fixed missing host interface after BMC factory default.
57. Fixed ability to edit IP Access Control, DDNS, Syslog, Time Zone, and NTP Server after locking down the system, to configure some functions in System Lockdown Mode, and to configure some functions when using "Operator" and "User" Privilege.
58. Fixed failure to enable SNMPv3 when special characters include username.
59. Corrected small value shown for output current on WebUI PSU page if PSU output current is over 65A.
60. Fixed failure of the NTP time to sync after updating the BIOS.
61. Corrected relative link on UpdateService/FirmwareInventory/Broadcom1.
62. Fixed problem of IPMITool Factory Default Command raw 30 40 resetting the network settings.
63. Fixed ability to receive logs when the log is full (512 logs) after disabling the FIFO.
64. Corrected information displayed when "Virtual Media Port" is turned off and fixed problem of "TSIG .key File" and "TSIG .private File" hit message being lost, overlapping, and shifting on DDNS page.
65. Added BMC unique firmware name.

66. Fixed error with MIB sensor Table check.
67. Fixed abnormality of CPU overheat.
68. Fixed issue with RADIUS server address input.
69. Fixed failure of SMSTC IPMIECO TS#102 - Checking IPMI configuration.
70. Fixed failure of IPMIECO automation test starting on TC#260.
71. Fixed problem when switching on "Multi Node" page (User Privilege).
72. Fixed mismatch of power consumption curves for "last day" and "last week" and highest peak value in IPMI WebGUI.
73. Fixed ability to configure some functions when using "User" Privilege.
74. Fixed missing IPMI SEL log for HDD smart error.
75. Fixed problem of BiosRotManage UpdateGolden throwing "Sending packets timeout".
76. Fixed problem of prompt to reboot system showing after updating NICs and Broadcom firmware.
77. Fixed ability to configure some functions when using "Operator" Privilege.
78. Fixed failure to save RADIUS configuration from the web and missing confirmation message after performing FD/unit reset from web.
79. Corrected display of WebGUI/SMCIPMITool pminfo/IPMITool SDR when hot swapping PSU with host on.
80. Fixed malfunction of SSDP.
81. Fixed BIOS firmware version string.
82. Fixed missing `redfish/v1/Chassis/1/PCIeDevices/NVMeSSD[nvme_ssd_num]`.
83. Corrected number of SATA drives on Broadcom rectangle.
84. Fixed abnormality of iKVM after changing language from English to ????.