

## BMC Firmware Release Notes

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<b>Product Name</b>	<b>X12DPG-OA6-GD2</b>
<b>Release Version</b>	<b>1.03.19</b>
<b>Build Date</b>	<b>10/02/2023</b>
<b>Previous Version</b>	<b>1.03.15</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<b>None</b>
<b>Enhancements</b>	<b>1. FAN/ PSU FAN reading is missing.</b>
<b>New features</b>	<b>None</b>
<b>Fixes</b>	<b>None</b>

## Release Notes from Previous Release(s)

### 1.03.15 (09/14/2023)

1. Supported new Intel PVC GPU (DID: 0x0BDA).
2. SUM test TC 002 failed due to the NTP information not matching after the preserved update IPMI FW. BMC IP changed after executing SMCIPMITool IPMI raw 30 42. TC0005 call setLANModeCommand failed. It got Error message:145 != 0 "Can't connect to 10.184.14.229" on the X13DSF-A.
3. Upgraded the EthernetInterface version from v1.6.2 to v1.6.3 to align spec.
4. Authentication Protocol and Encryption Protocol Range setting does not match Wiki SPEC (Each field 1.32) for SNMPv3.
5. The error message is incorrect when launching more than 4 iKVM sessions.
6. VM cannot save valid IPv6 address with port.
7. iKVM default setting is not HTML5 after the factory default.
8. "Number" should be translated to Simplified Chinese and Japanese on the Virtual Media page.
9. "Export to Excel" button should be translated to Simplified Chinese and Japanese at Sensor page.
10. User name string length only supports up to 16 not 31 for SNMPv3.
11. Auto Daylight Savings Time switcher doesn't disable for the Operator and User privileges.
12. Will display a prompt window similar to the one for switching on lockdown mode.
13. SystemLockdown / System Lockdown Virtual Media mount and unmount are enabled.
14. Buttons and icons of the Virtual Media page can operate while System Lockdown is enabled.
15. TC 2063 IPMIECO, BMC LAN disconnected after changing LAN mode in IPv4 Static. [v01.03.01 firmware] IPMIECO Automation test failed. Redfish automation test failed. [IPMI ECO] Redfish ATT test fail.
16. BMC GUI sensor arrangement order is not stable.
17. Gaudi2 system could not boot up without IPMI port connection intermittently.
18. Auto Daylight Saving Time.
19. Fixed IPMI LAN set IPSRC for DHCP to static IP missing.
20. Unable to close popup window under System lockdown mode.
21. [MEL-0028] AD-related MEL should not show when setting up LDAP and Radius.
22. User is able to click the delete button on system lockdown mode.
23. Task Queue and Task List.
24. DMTF/Redfish standard API support test failed.
25. WebGUI crashed after uploading the product key with an invalid file.
26. IP changed after running RAW command.
27. Network Setting Page can now save with only one dedicated LAN speed capability.
28. Redfish 2020.3 related feature network enhancement feature MEL 1.05 and SEL 1.36.
29. KVM launched and closed MEL should display user ID.
30. SystemLockdown System Lockdown Storage Monitoring Physical View buttons are enabled while drive selection is disabled.
31. [Redfish] Expected length of ServiceAddresses to be 1 but is actually 3.
32. Change BIOS password failed.
33. MEL Log msg is incorrect when configuring Syslog. Saving Syslog produces MEL even when there are no changes in the values.
34. AOC-S25G-m2S sensor temp drop.
35. Accepted IP access control with prefix 0.
36. Modified the data length check of OOB preserve command - 0x30 0xA0 0x15.
37. Corrected UUID format.
38. No MEL is generated when modifying SAS BIOS Boot Mode.
39. BIOS version is in capital letters on the dashboard page.
40. Patch DNS server through Redfish command, WebGUI doesn't show the outcome accordingly.
41. Uploaded new SSL certificate, BMC will not reset by itself.
42. Syslog Server is able to clean empty after saving a valid IP address.

43. *Port save without changing the error message.*
44. *Should not show a Warning message after changing the Syslog Server with an illegal Syslog server.*
45. *CPU In yellow health status after flashing IPMI FW 1.00.28.  
"System" tab on the IPMI WebGUI keeps turning yellow during "On/Off" test, with only IPMI version 01.00.28.*
46. *BMC 1.02.55 failed to auto-switch SAS controller i2c mode into PCI-E mode.  
AOC-S3908L-H8iR-16DD is not recognized by IPMI due to OOB protocol auto-switch is not functional.*
47. *It should have a MEL message when the mount CD-ROM image fails.*
48. *IPMI config web session not saved.*
49. *Not clear MEL when saving hostname.*
50. *All sensors dropping during DC "On/Off" testing.*
51. *AOC-653105A-HDAT and AOC-MCX515A-CCAT can't detect PN and SN under BMC Web.*
52. *The Introduction about Remote Control is incorrect on HELP page.*
53. *BMC reset for new SSL certificate to take effect.*
54. *Dynamic DNS Server Address default value does not match with each field definition.*
55. *Failed to upload valid TSIG files.*
56. *DMTF validator failure.*
57. *SYS-221BT-HNR AOC Health Status issue.*
58. *Hostname update/remove has a duplicate record in MEL.*
59. *Added Security States Monitoring in Redfish.*
60. *[ENGINEERING] – Virtual Media OEM command issue.*
61. *Redfish has 3 TC fails.*
62. *Some functions of Account Services/Network/BMC Settings could be configurable by "User Privileges".*
63. *Block reserved address when patching IPv6StaticAddresses property of EthernetInterfaces.*
64. *AOC-S25GC-i2S thermal sensor will lose when executing DC "On/Off" test item.*
65. *User only can enter 63 characters for SNMPv3 Authentication Key and Encryption Key.*
66. *IPMI ECO Automation tests Failure.*
67. *Sensors changed abnormally once the sensor type category was selected.*
68. *The order of the LAN Interface on WebUI does not follow SPEC.*
69. *Implemented OAM Redfish API.*
70. *Login RADIUS account.*
71. *IPMIECO Automation test failed.*
72. *During System Lockdown SystemLockdown, Date and Time Auto Daylights Savings Time switch is not disabled when it should be.*
73. *DMTF validator failure.*
74. *VLAN Tagging test failed.*
75. *[OSS] Login UI display is abnormal after performing Factory Default.*
76. *Virtual Media – Checkbox and Connect icon style don't follow the SPEC.*
77. *Error message doesn't appear when uploading XML file during BIOS update.*
78. *Added DHCP DNS needs to generate MEL.*
79. *Failed to block download BIOS/BMC Evidence with No License*
80. *Doesn't translate LLDP page to the selected language.*
81. *Virtual Media display "This function requires SFT-OOB-LIC license!" tip when both DCMS and OOB keys have been activated.*
82. *Cannot disable Dynamic DNS if TSIG is enabled, have to disable TSIG first.*
83. *Failed to display IPv6 link local address.*
84. *OAM Redfish mismatched value.*
85. *Modified OAM index to 0-base.*
86. *QSFP-DD port connection.*
87. *[IPMI ECO 01.01.01] Redfish automation test fail.*
88. *MEL is incorrect when disabling Host Interface.*
89. *IP Access Control page can be edited/deleted by user privileges.*
90. *IPMI Web GUI main menu is ordered incorrectly in Safari.*
91. *Supported OAM Reset.*

92. *Operator Health Event Log advanced settings disabled. License activation Upload button enabled for admin even when no private key file is selected.*
93. *"Enable TSIG Authentication" switcher doesn't disable when DDNS is off.*
94. *Failed Login Attempt Lockout Threshold radio buttons aren't all disabled for Operator and User privileges.*
95. *Syslog packet does not follow RFC3164.*
96. *X12DPD IPMI 1.03.03 cannot see the U250 sensor.*
97. *Added multipart update for UBB PCI-E retimer.*
98. *Fixed RMCP connection lost during the SPM test.*
99. *No U.2 NVMe temperature when installing INTEL SSDPE2MD800G4.*
100. *Connect button doesn't work on the Virtual Media page.*
101. *IPMI ECO Redfish Automation has 4 fails.*
102. *[GUI] Layout of Dashboard page is not aligned.*
103. *[GUI] The link speed description of Help info does not quite match with the SPEC.*
104. *License Activate page does not change wordings for "New Private Key" to "New Product Key".*
105. *[SMCIPMITOOL] The return code behavior of executing "IPMI LAN IPv6 clear" is inconsistent.*
106. *No main menu on IPMIWeb when using iPhone to open X13SEDW IPMIWebGUI.*
107. *OAM firmware version mismatch.*
108. *Retimer temperature missing.*
109. *Error message displayed when mounting image.*
  - Mount ISO Image failed on X12DPT-PT6.*
  - Unable to connect Virtual Media when only setting up 1 or 2 virtual machine connections.*
  - Connect button doesn't work on the Virtual Media page.*
  - Virtual Media Unmount Device modal buttons show Close and Save instead of Yes and No even though it asks, "Are you sure you want to UNMOUNT the Device?"*
110. *MEL is incorrect when modifying IPV4 DNS Server2 IP.*
111. *Virtual Media/Network/User (SNMP) on Help page are inconsistent with the Actual WEB page.*
112. *Abnormal behavior after clicking the Save button many times to delete a task.*
113. *The NVMe info is incorrect during NVMe insertion and ejection.*
114. *Physical View HDD temp missing from BMC.*
115. *Deleting DNS Server and Server2 IP and saving doesn't generate MEL.*
116. *Failed to save valid IPv4 address for static IP.*
117. *Non-set SSDP related MEL would be triggered when setting up SSDP.*
118. *BMC Web UI automation test failed.*
119. *Enabled Auto Daylight Saving failed but MEL shows enabled successfully.*
120. *The title in Virtual Media page doesn't follow UI design.*
121. *GPU version number dropping issue.*
122. *Feature support LDAP StartTLS.*