

# BMC Firmware Release Notes Form

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<b>Product Name</b>	<b>X12DPG-OA6-GD2</b>
<b>Release Version</b>	<b>01.06.09</b>
<b>Build Date</b>	<b>4/11/2025</b>
<b>Previous Version</b>	<b>01.05.24</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<ol style="list-style-type: none"><li>1. SMC-2024010010 Command Injection attack.</li><li>2. SMC-2024010011 XSS attack.</li><li>3. (CVE-2023-33413) SMC-2024010012 Command Injection attack</li><li>4. The BMC configuration file generated in BMC firmware older than Rev. 01.03.14 can't be imported.</li></ol>
<b>Enhancements</b>	<ol style="list-style-type: none"><li>1. [Customer issue] — KLA GPT format ISO image mounted but failed to boot from this ISO.</li><li>2. [ENGINEERING] — Added IPMI OEM CMDs 0x30 0x68 0xf9 BMC, Hii, and host interface status.</li><li>3. [ENGINEERING] — Enhanced CPLD and write operation during BMC FW Update.</li></ol>
<b>New features</b>	<ol style="list-style-type: none"><li>1. [ENGINEERING] — Added rule of Redfish resources "Health" and "HealthRollup" properties in chassis and systems.</li><li>2. [ENGINEERING] — Updated SEL Spec 1.40, MEL Spec 1.09, and IPMI Spec 2.02.</li></ol>

	<p>3. [ENGINEERING] — Supported SSO and 2FA.</p>
Fixes	<p>1. [ENGINEERING] — NVMe_SSDx Temp was missing somehow in X12 BMC 01.05.27 through 01.05.32.</p> <p>2. Redfish — NVMeSSD.0.Group.0.StorageBackplane/Drives/Disk.Bay.1 doesn't have Health key.</p> <p>3. IPMITool — Command DCMI discover returned data was different.</p> <p>4. The option of Auto reset system after CPU CATERR/IERR interrupt happens should keep its ON status in Operator permission.</p> <p>5. The descriptions of [MEL-0072] did not match the spec.</p> <p>6. Failed to receive SNMP trap for [IPMI-9036] and [IPMI-9040].</p> <p>7. OemDumpService.Collect failed due to return code is 400 but should be 403.</p> <p>Redfish — Check Operator Privilege failed on /Actions/OemDumpService.Collect.</p> <p>Operator Permission Privilege SYSTEMCRASHDUMP - AUTO_RESET_SYSTEM_SWITCH was not Enabled.</p> <p>[Redfish] POST request to collect dump failed via Operator role.</p> <p>Redfish Automation Operator Privilege Failure.</p> <p>8. [ECO] Redfish automation one fail test case.</p> <p>[ECO] Redfish automation fails.</p> <p>Issue "[IPMI ECO 01.03.34] Redfish automation tool check was a failure.</p> <p>Redfish — The Redfish version was inconsistent between the web and the release notes.</p> <p>[WEB] The Redfish version on the web doesn't match the release notes.</p>

	<p><b>9. BMC should support a maximum of four KVM sessions.</b></p> <p>The maximum number of iKVM sessions that can be opened does not match the spec.</p> <p><b>10. Dynamic DNS test was a fail.</b></p> <p>Cannot access Hostname with Dynamic Update enabled.</p> <p><b>11. User privilege was not able to see Full Info on Power page.</b></p> <p><b>12. Syslog packet doesn't match the correct format. Showed '\n' at the end</b></p> <p><b>13. Web Function — Date and Time should be read only.</b></p> <p>[ENGINEERING] — Enabled Date and Time write permission.</p> <p><b>14. [ENGINEERING] — Fan Zone duty cycle read failed in X12BMC 01.05.23 through 01.05.24.</b></p> <p><b>15. Set invalid username and invalid password via IPMI.</b></p> <p><b>16. [ENGINEERING] — Web GUI cannot modify the ADMIN password since X14 BMC 01.02.05.00.</b></p> <p>[ENGINEERING] — Web GUI cannot modify the ADMIN password since X13 BMC 01.04.02.</p> <p>[ENGINEERING] — Web GUI cannot modify the ADMIN password since X12 BMC 01.06.02.</p> <p><b>17. The descriptions of [MEL-0444] did not match the spec.</b></p> <p>AD page Port text field width did not follow 299-00-240516-001.</p> <p>AD Port edit field length was not a match with SPEC. [299-00-240516-001]</p> <p>Inventory page's expand icon size did not follow 299-00-240516-001.</p> <p>Sensor search text field placeholder should be "Enter keyword here to search."</p> <p>Health Event Log search text field should have placeholder "Enter keyword here to search."</p>
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	<p>Maintenance Event Log search text field should have placeholder "Enter keyword here to search."</p> <p>Change different directory service information alerts were incorrect when other directory service logged in.</p> <p>"Virtual Media" instructions should be updated on the help page.</p> <p>"LLDP" instructions should be updated on the Help page.</p> <p>Updated page's gap between text and square block does not follow 299-00-240516-001.</p> <p>Chassis ID Subtype's "t" should be lowercase.</p> <p>Remote Console Preview should put HTML5 button in front of Java.</p> <p>IPMICFG Download/Select File button size does not follow 299-00-240516-001.</p> <p>SSL Certificates page's Select file button size should follow 299-00-240516-001.</p> <p>IP access control page's length between title and button needed more space.</p> <p>Unable to change destination address on the alert page via SAA.</p> <p>Users with Operator and User Roles should not have access to Unit Reset.</p> <p>Factory Default - UNIT_RESET_BUTTON was not disabled for User Role.</p> <p>Operator/User Privilege should be View Only on BMC Reset page.</p> <p>Unexpected [MEL-0002] should be logged when editing Local user's privilege.</p> <p>18. IPMITool — Unable to get the correct Sensor and SDR count using inband IPMITool RAW command.</p>
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	<p>19. IPMITool — Get channel payload version for valid/invalid channel fail.</p> <p>20. [UI] Supermicro Logo missing after Web login.</p> <p>21. [Auto][WebFunction] SSDP Configuration fields disappeared after UI Idle Time.</p> <p>22. Uploaded SSL certificate and private key successfully but time period was not changed.</p> <p>23. No temp sensor reading on X13DET-B WEB GUI with latest BMC FW.</p> <p>24. Supported DCMI set_asset_tag.</p> <p>25. IPMITool — Failed to set LAN access off via OOB.</p> <p>26. Console capture video size is 0B when setting "Record until POST ends." Console Capture video is zero bytes and has no content.</p> <p>27. Web Function — Failed to connect UDP when SSDP was enabled.</p> <p>28. Button frame style becomes abnormal after switching to the SNMP page and returning to the Alerts page.</p> <p>29. BMC Web UI layout does not match with 299-00-240516-001 agreement. Recent Log Search text field should have placeholder.</p> <p>30. [Auto][Web function] Operator Role should have View-Only permission for Console Capture Video. Operator privilege should be View Only in Maintenance-&gt; Troubleshooting-&gt; Console Capture page.</p> <p>31. When the system lockdown mode was on, the unit reset button behavior was inconsistent with the RAW command.</p> <p>32. RADIUS remains editable and able to be deleted when OFF, while LDAP and Active Directory buttons were grayed out when OFF.</p> <p>33. SMCIPMITool Automation Failure: TC: 0137 IPMI LAN IPv6.</p>
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	<p><b>34. "PasswordSet" attribute missing in /redfish/v1/AccountService response.</b></p> <p><b>35. Unable to enable SNMPv2.</b></p> <p><b>Redfish automation test failed.</b></p> <p><b>36. Faulty message: "Please enable one directory service at a time !" has an extra space.</b></p> <p><b>37. [IPMI ECO 01.04.00] Automation test failure.</b></p> <p><b>Can't add user with SAA.</b></p> <p><b>[ECO] LAB IPMI ECO automation test. (LAB SMSTC Server) failed.</b></p> <p><b>38. [ENGINEERING] — IPMITool unable to open SDR for reading in X12 01.06.02.</b></p>
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