

BMC Firmware Release Notes Form

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Product Name	X12DPG-OA6-GD2
Release Version	1.05.08
Build Date	08/02/2024
Previous Version	1.04.11
Update Category	Recommended
Dependencies	None
Important Notes	<ul style="list-style-type: none">• SMC-2024010010 Command Injection attack.• SMC-2024010011 XSS attack.• (CVE-2023-33413) SMC-2024010012 Command Injection attack.• The BMC configuration file generated in BMC firmware older than Rev. 01.04.XX can't be imported.
Enhancements	<ol style="list-style-type: none">1. [ENGINEERING] – Resumed pending task now possible through Web GUI.2. [ENGINEERING] – Redfish should allow external account service password length of more than 20.3. [ENGINEERING] – Added RSA2048 key for license server from new IT HSM.
New features	<ol style="list-style-type: none">1. [ENGINEERING] – Redfish Upgrade 2021.2, RF1.14.2. [ENGINEERING] – Upgraded SEL to 1.38 and merged SEL search method to one function.3. [ENGINEERING] – Redfish support BMC each field v1.33/ v1.34.

	<p>4. [ENGINEERING] – Supported AOC-S400G-B1C.</p>
Fixes	<ol style="list-style-type: none"> 1. [ENGINEERING] – OSS Requirements. 2. [ENGINEERING] – Removed Action of ResetToDefault parameter "PreserveNetwork". 3. Sensor's threshold '\LowNR\' , '\Low CT\' and '\High NR\' show empty for Temperature Type. 4. [ENGINEERING] – Avoided wrong string and etag format in Redfish, and corrected Redfish API deprecate and create. 5. (CVE-2024-36435) SMC-2023110008 Buffer Overflow vulnerability. [Security] GetValue does not control length limit and caused stack buffer write overflow at X12DPG-OA6. 6. [ENGINEERING] – Made PreserveNetwork backward compatible as Redfish 2020. 7. [Security] The vulnerability of XSS attack on KVM help page at X14SBM. [Security] The XSS attack on local storage value at X12STW. 8. DDNS accepting invalid characters. 9. [ENGINEERING] – Fixed LAN setting will change when rebooting BMC. 10. Redfish @odata.etag properties does not include surrounding "" double quotes. 11. [ENGINEERING] – Updated Fan list sort rule. 12. [ENGINEERING] – The System button of Dashboard has no reaction. 13. [ENGINEERING] – Updated slot format of Physical Storage view. 14. [ENGINEERING] – Adjusted license of OemDumpService.Collect. 15. [ENGINEERING] – Updated the SSDP Redfish version and fixed possible exception.

	<p>16. DDNS showing incorrect error message.</p> <p>17. FAN icon does not change to Red Critical when FAN failed happened on BMC WebUI.</p> <p>18. Misspelled "necessary".</p> <p>19. [ENGINEERING] – EventService RedfishEvent Https allowed self-signed CA.</p> <p>20. [ENGINEERING] – X12 ALL sensor N/A in BMC 01.04.15.</p> <p>21. When a license is required, clicking Cancel redirects users to dashboard. Should stay on same page, not redirect, or redirect to appropriate page for better user experience.</p> <p>22. Updating the Backplane, Midplane, Fan/CPU/AIOM/AOM board CPLD all should now present MEL ID with the MEL.</p> <p>23. [GUI] "BMC Reset" help info page description is inconsistent with UI Spec and BMC web.</p> <p>24. SNMP v3 description incorrect on the HELP page.</p> <p>25. [ENGINEERING] – Web UI Prompts - 11162023</p> <p>26. [ENGINEERING] – Supported AOC-E810-XXVDA4.</p> <p>27. [ENGINEERING] – Upgraded MEL to 1.07 and added MEL 70 and 368.</p> <p>Recorded wrong MEL number when uploaded IPMI config unsuccessfully.</p> <p>28. DNS Server 1 and 2 IP ability to be set to duplicate values via SMCIPMITool.</p> <p>29. Web Function – 0.0.0.0 is not allowed to be saved in 'Server Address'.</p> <p>30. Server Address field can fill in over 255 characters does not match with the Spec definition. (AD and LDAP)</p> <p>31. It allows class D, E of IPv4 addresses for DNS Server IP setting.</p> <p>32. Failed to mount an ISO file with IPv6 address (ExitCode:148).</p> <p>33. "SerDes Temp" can't display temperature under BMC GUI.</p>
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