BMC Firmware Release Notes Form

Product Name	**X12DPG-OA6-GD2**
Release Version	**1.04.11**
Build Date	**02/06/2024**
Previous Version	**1.03.19**
Update Category	**Recommended**
Dependencies	**None**
Important Notes	**None**
Enhancements	1. **OpenJDK support.** 2. **Enhanced GPU Redfish API value.** 3. **[ENGINEERING] – Added OAM abnormal status detection.**
New features	1. **[ENGINEERING] – Added Property "Product" for /redfish/v1.** 2. **[ENGINEERING] – Enabled USB Lan 2 options feature (WEB).**
Fixes	1. **[ENGINEERING] – BMC Host Interface becomes "Disabled".** 2. **[ENGINEERING] – Added MEL after changing Host Interface "RNDIS Connection" or "CDC–ECM Connection".** 3. **SUM — Failed to Set LAN AutoConfiguration DHCPv6Mode Configuration.** 4. **Unable to load SMTP page.**

5. Redfish test fail on Check AccountService Accounts Method Privileges due to unexpected status code return.

6. Operator cannot have Full Access to Event Log.

7. MEL is incorrect when restored to factory default. (RAW 30 41)

8. Logging out with enabled SMTP alert will create three MEL entries.

9. [ENGINEERING] – Fixed Query OAM Ethernet Info should return 24 ToggleCount array.

10. Null user test failed, created null users are not displayed on the users page.

11. SUM — Failed to Set LAN AutoConfiguration DHCPv6Mode Configuration. [#164371] Failed to disable IPv6 autoconfig using SMCIPMITool.

12. Notifications (SNMP) on the Help page are inconsistent with the actual WEB page.

13. Redfish — PATCH '/redfish/v1/Chassis/StorageBackplane/Drives/Disk.Bay.0' status code should be 405 but it is 400.

14. IPV6 — Failed to set Alternative DNS server IP through SMCIPMITOOL. [#165179] [SMCIPMITOOL] BMC disconnected for a while when setting up IPv6 DNS 2 via command. [#165264] SMCIPMITOOL DNSv4 mode RAW commands don't work. [#165227] SMCIPMITOOL The command return code doesn't follow the specification.

15. Validate Access with OOB and No License should switch to newer UI behavior.

16. [ENGINEERING] – Support NVIDIA RTX 4000 Ada, RTX 5000 Ada, and RTX 6000 Ada.

17. [MEL–0093] String does not match with the LAN Interface option naming.

18. X13DEM Redfish automation has failed.

	19. The Node Manager Version shows unknown() on the X13SEDW–F.
	20. [ENGINEERING] – Incorrect post completed timing.
	21. MEL is incorrect when configuring the Host Interface.
	22. No related MEL when disabling TSIG Authentication.
	23. [ENGINEERING] – The NVMe temperature will be 45C sometimes.
	24. Set 0.0.0.0 to DNS Server IP would be replaced by a valid DNS Server2 IP after the setting is saved. [163549] – After saving network IPv4 DNS Server IP as 0.0.0.0, the field does not display 0.0.0.0, also no MEL.
	25. HDD Temp/HDD Temp sensor will show N/A when executing cburn–87 DC on/off test.
	26. Changed the upper critical temperature to 80C for Samsung NVMe drives.
	27. Set correct format but invalid NTP Server IP, error message returns 'Oops' instead of [MEL–0255].
	28. [GUI] Virtual Media/Network/User (SNMP) in Help page are inconsistent with the actual WEB page.
	29. License required behavior/message does not quite match with SW–PM definition.
	30. Duplicate MEL when setting up Dedicated Link Speed and 1G Full Duplex MEL does not match with the option name.
	31. When creating RAID level 10/50/60 (Span Depth=3), the "RAID level" information on the BMC Web GUI is incorrect.
	32. [MEL–0104] not listed after successful BMC update without all configurations preserved.
	33. [ENGINEERING] – Modified OAM API for Power and Security.
	34. BIOS attribute value is overflowing.

	35. Virtual media: When there are duplicates with the same Host and path, they are blocked from mounting with an error message.
	36. Missing ProcessSummary "Model" value in /redfish/v1/Systems/1.
	37. [ENGINEERING] – Fixed VirtualMedia does not allow domain URL with port.
	38. Set power limit 0 to Node Manager failed.
	39. Should not be able to set invalid IPv6 DNS values using SMCIPMITool RAW commands.
	40. Toggling the system power will create repeated "Host FW password has been removed / auto–generated" entries in the MEL.
	41. Set invalid IPv6 Static Address RAW command does not return CC. [ENGINEERING] Fixed OEM command switch IPv6 stateful mode will not automatically get DHCP IPv6 IP.
	42. "License Activation" sub menu didn't rename to "License Management".
	43. [ENGINEERING] – Fixed random return of 0 and shortened response time. [169030] – [IPMIECO 01.04.06] Cannot read the OAM TPM-related information under Redfish hl/oam/device/Security.
	44. [ENGINEERING] – VirtualMedia SMB does not support mount with port.
	45. PSU health status is abnormal when removing the power cord. [168583] – The power Fail alert function didn't work. [168348] – Can't display event log after pulling out the power cord.
	46. Supported one HDD to create RAID 0.
	47. "PW Consumption" will disappear from the sensor readings page once the "Select a sensor type category" setting is changed.

	48. MEL can't fully display when typing long length string on remote User/Group at LDAP and AD.
	49. BMC firmware v01.04.09, IKVM function–bar is not working at all.