

BMC Firmware Release Notes Form

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Product Name	X13DDW-A
Release Version	1.00.45
Build Date	02/04/2023
Previous Version	1.00.28
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	<ol style="list-style-type: none">1. Modified X13DDW SPECpower setting table.2. [Beta_CFG1] There should only be onboard LAN MAC present on the BMC dashboard according to BMC_Network_AOC_Monitoring_Spec_v1.9.3. Changed host interface MAC to EUI-48 in default. This will prevent the host OS from sometimes still getting the global MAC for the host interface.4. Made PSU 5VCC output higher than 5.1V or 5.2V base voltage. According to measurement data, RD got the measurement data of CloudDC system 1U PSU 5.156V output voltage at ATX connector through a multimeter. But BMC read back 5.26V in maximum. So, RD adjusted BMC ADC1 and lowered one level to compensate for the large PSU 5VCC plus voltage bias.
New features	None

Fixes

1. WebGUI CPU Speed info feature broken in 01.00.39.
2. When the ISO image is mounted successfully, there should be a "Task Message".
3. Fixed broken feature in 01.00.35: Redfish.Managers.IKVM test 100% FAIL.
4. Storage pages were not refreshed automatically after the configuration was changed.
5. Supported dump dual boot CPLD firmware feature.
6. ROT2 related MEL review. Added the following MELs:
 - a. Erased BMC/BIOS image successfully.
 - b. Erased BMC/BIOS image unsuccessfully.
 - c. Restored with Backup BMC/BIOS is initiated.
 - d. Updated golden BMC/BIOS is initiated.
 - e. Copied BMC/BIOS to evidence area is initiated.
 - f. Copied BMC/BIOS to evidence area successfully/unsuccessfully.
 - g. Recovered the current image is initiated.
 - h. Recovered the current image is failed.
7. If the BMC hostname contains the "@" symbol, the BMC hostname will result in an incorrect value at X13. [Security] Unrestricted input on parameter bmcipv6_dns_server in Network Configuration at X13 2022_08_03. [Security] Unrestricted input on parameter bmcipv6_addr in Network Configuration at X13 2022_08_03.
8. Reviewed the Intel temperature sensor.
9. [Beta_CFG3] There's a PSU event present after the BMC reset.
10. Fixed broken WebGUI feature: In 01.00.29, session timeout URL redirect may show 400, 500, or 404.
11. [Gen5 NVMe Samsung PM1743/SYS-121C-TN2R] Fixed incorrect display info for "Drive functional", "Percentage drive life used", and on IPMI.
12. Fixed RT1/RT2 temperature sensor tuning.
13. Disabled TLSv1.0 and TLSv1.1.
14. [IPMI ECO] AIOM1/2 Slot Location is incorrect in IPMI Web Network AOC section.
15. Failed to update BIOS thru WebGUI and SUM.