

IPMI Firmware Release Notes Form

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Product Name	BH12SSi-M25
Release Version	01.05.22
Release Date	12/08/2024
Previous Version	01.04.12
Update Category	Recommended
Dependencies	BIOS v3.1
Important Notes	IPMI Image: BMC_B12AST2500-ROT-1201MS_20241208_01.05.22_STDsp.bin IPMI Update Package: BMC_B12AST2500-ROT-1201MS_20241208_01.05.22_STD.zip
Enhancements	1. [186709] Case102005 for Users is FAIL on 7601MS 2. [186804] Vulnerable JavaScript library jquery-ui on 7601MS
New features	N/A
Fixes	1. [189388] Case113122 for File.Import is FAIL on 3501MS 2. [189390] Case113121 for File.Export is FAIL on 3501MS 3. [186719] Case113122 for FileImport is FAIL on 7601MS 4. [186718] Case113121 for FileExport is FAIL on 7601MS 5. [179338] - fix bmc reboot issue due to kernel panic in AST2500

Release Notes from Previous Release(s)

01.04.12 (02/10/2024)

1. VirtualMedia SMB not support mount with port.
2. BMC firmware v01.04.09, IKVM function-bar is not working at all

01.04.00 (11/03/2023)

1. Null user test failed, created null users are not displayed on users page
2. SUM -- Failed to Set LAN AutoConfiguration DHCPv6Mode Configuration.
3. Fail to disable ipv6 autoconfig using SMCIPMITool.
4. SUM -- Failed to Set LAN AutoConfiguration DHCPv6Mode Configuration.
5. Notifications(SNMP) in Help page is inconsistent with Actual WEB page

6. Redfish -- PATCH '/redfish/v1/Chassis/StorageBackplane/Drives/Disk.Bay.0' status code should be 405 but it is 400.
7. IPV6 -- Fail to set Alternative DNS server IP through SMCIPMITOOL.
8. [SMCIPMITOOL]BMC disconnected for a while while setting up ipv6 dns 2 via command.
9. BMC disconnected for a while while setting up ipv6 dns 2 via command.
10. SMCIPMITOOL DNSv4 mode raw commands doesn't work.
11. SMCIPMITOOL The command return code doesn't follow up the specification.
12. Validate Access with OOB and No License should switch to newer UI behavior
13. Fix Redfish Inconsistency.

01.02.62 (03/09/2023)

1. Support blade to receive CMM/CMM-6 firmware version
2. Apply the common fix reported in other platforms.
 - Redfish accountService commands error messages didn't match with expected
 - Deactivated and activated license MEL are inconsistent
 - Incorrect MEL "SMTP User Name was configured to successfully".
 - Patch DNS server thru redfish command, webgui doesn't show outcome accordingly
 - Smcipmitool automation test failed.
3. Update Bios on next boot, Bios doesn't update
4. BH12SSI-M25 ECO27694 read SDR

1.02.55 (01/04/2023)

1. Redfish Automation 10 tests failed
2. Extend the size limitation of certificate and key files

1.02.49 (10/31/2022)

1. Configuration backward compatible issue in 01.02.40
2. Wrong Inlet Temp reading on NM command.
3. AMD BH12SSi platform unexpected throttling when enable Smart Power in CMM
4. Update network hostname format
5. The readings style of "Power Consumption" graph should be use radio button.
6. Cannot set the SNMP IP as 0.0.0.0 on X12DGQ-R even though the BMC WEBUI's SNMP destination address setting has already been changed to 0.0.0.0s

1.02.13 (1/10/2022)

1. issue update golden BIOS/MBC image fail in specific conditions from production site
2. issue #134889 Intel SSDPF2NV153TZ undetected in storage monitoring and sensor readings

1.02.05 (11/08/2021)

1. SD5 show "Failed to initialize sensor configuration from IPMI" by using latest BMC FW 1.02.03
2. [SUM251b201008]Test fail via smstc of BH12SSi-M25.
3. B3ST1 stress test resulted in NIC MAC addresses swapped
4. Sensors show N/A when Update BMC from Old code base to New X12AST2600 Copy Project Issue [Link](#)

1.00.22 (08/05/2021)

1. *Firmware inventory show golden version with incorrect format as x.xx.xx*
2. *Unable to get DCMI Power reading by SMCIPMITool on BH12SSi*
3. *Web not time out with modified value*
4. *Undefined alert when open ikvm vm tab after close vm port*
5. *WebGUI should not accept invalid server address as NTP server*
6. *User is able to set user name with less than 4 characters on WebGUI*
7. *Inconsistent behavior when setting user password with special characters compare WebGUI to ipmitool*
8. *User cannot be preserved after performing Factory default with option preserving user*
9. *Update Blade/Node name length to 64/ Send AMD Capibility and MaxCPUWatt to CMM*

1.00.11 (04/23/2021)

1. *Match the behavior of FW update command to SW team*
2. *SMTP configuration not changed after executed TC#315*
3. *Fan curve issue on blade*

1.00.08 (12/23/2020)

1. *Support multiple GPU*
2. *Support AOC-NIC3*
3. *Auto crash dump CATERR/IERR fail*
4. *Missing some blade info*

1.00.07 (10/23/2020)

1. *Unique password missing issue*
2. *Change AMD MI50 device id*
3. *Ipmb header checksum.*
4. *GPU conflict with AOC-NIC.*

1.00.01 (06/03/2020)

1. *PFR Functions in Redfish.*
2. *Support the LSI3808.*
3. *Firmware Inventory in Redfish.*
4. *Sentry feature implementation.*
5. *UID reset BMC without maintenance log.*
6. *AOC NIC Temp sensor reading shows n/a.*
7. *Not printing to SEL after recovering from empty or corrupted BMC chip.*
8. *NTP enable should not log timestamp MEL.*
9. *Cannot get KIOXIA NVME CM6 temperature.*
10. *KIAOXIA to show Max Link speed and hide max power.*
11. *AOC-S25G-B2S Thermal reading issue.*
12. *Support AOC-ST25G-M2S reading.*
13. *AIOM MAC address is missing in system info page.*
14. *Wrong processor configuration description.*
15. *Cannot read NVMe SSD data from NVMe-MI interface.*

16. *Invalid NVMe Temp critical warning SELs when hot inserted NVMe.*
17. *Erase UFM if provision fails.*
18. *Fix endianness issue in CPLD UFM.*
19. *P5500 show NA.*
20. *PCI-E NVMe Intel P4500 show many NA data in WEBUI.*