

BMC Release Notes Form

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Product Name	X13DSF-A
Release Version	01.03.34
Release Date	11/12/2024
Previous Version	01.03.14
Update Category	Enhancement
Dependencies	None
Important Notes	None
Enhancements	<ol style="list-style-type: none">1. Moved CXL controller data structure to share memory, and fix the risk of double mutex get.2. Update BIOS failed without CPU3. Change sensor name from AOC SSDx Status to AOC_SSDx State4. Support Multi-Target Update in MutiPart5. Add BMCEvidence and BIOSEvidence dump of OemDumpService.Collect6. Advanced Settings status cannot be changed Operator privilege Health Event Log successfully [178713] - Advanced Settings status cannot be changed successfully7. Redfish should allow external account service word length more than 208. Modify LicenseService support platform9. Update MEL Spec 1.0810. [ACL][2U MGX] AOC-LPE32002-M2 missing sensor and AOC info in BMC WebGUI11. Remove CXL info from Storage Overview and Physical view Feature - CXL implementation.12. Thor2, some specific NCSI device need reinit NCSI when power on13. Replace Model of redfish/v1/Managers/114. Add Idap RFC2307bis support.15. Support Broadcom channel AOC VPD format.16. Redfish and SMTP test event is inconsistent between HW1 and SW17. Support Redfish standard API /redfish/v1/LicenseService18. Support [Micron CZ120 ES] and [Samsung CXL128GB /WS3)] Missing CXL device information in BMC storage page.19. Update MCU will hung when "Upgrade Progress:100%"20. Some SSD only systems show HDD Temp21. M2_SSDx Temp reading is missing22. Fix SmartNIC update button duplicate issue and word display23. Fixed iKVM power cycle action won't generate MEL

New features	N/A
Fixes	1. Improved BMC efficiency, compatibility and reliability.

Release Notes from Previous Release(s)

01.00.16 (10/28/2022)

Initial release.

01.00.25 (01/04/2023)

1. Upgrade X13 crash dump version to 2.0.2
2. Support Xilinx U250 GPU, GPU NVIDIA L4 PCIe Card, AOC-S25G6-m2SM, Kioxia_CD6, AOC-SLG4-2H8M2, AOC-S3808L-L8IR, AOC-S3816L-L16IR, Intel PVC GPU, RTX A2000-6G, GPU NVIDIA RTX T1000 4G and GPU NVIDIA RTX T1000 8G.
3. Redfish method to set BMC LAN interface.
4. Improved BMC efficiency, compatibility and reliability.

01.01.10 (08/09/2023)

1. KVM launched and closed MEL should display user ID
2. Support Temp sensor reading of RTX 3090 GPU card.
3. Retrieve BIOS version from 'OFID'
4. Redfish 2020.3 related feature
5. BPN-E1S5-126ES2N CPLD firmware updating.
6. Support Motherboard CPLD Golden Image Version Display
7. Support Motherboard CPLD Golden Image Update
8. Task Queue & Task List in storage monitoring
9. Auto Daylight Saving Time.
10. support HBM sensor reading for NVIDIA GPU H100
11. Upgrade the Ethernet Interface version from v1.6.2 to v1.6.3 to align spec.
12. Dark Theme update.
13. Improved BMC efficiency, compatibility and reliability.

01.01.23 (10/24/2023)

1. [ENGINEERING] - empty uffn in backup or golden inventory
2. Improved BMC efficiency, compatibility, and reliability.
3. ENGINEERING] - Support Nvidia GPU A30X.

01.02.33 (04/26/2024)

1. Web UI Prompts
2. support AOC-E810-XXVDA4, AOC-S400G-B1C
3. Upgrade SEL to 1.38 and merge sel search method to one function.
4. Upgrade MEL to 1.07 and Add MEL 70&368.
5. Redfish support BMC each field v1.33/ v1.34
6. DNS Server 1 & 2 IP ability to be set to duplicate values via SMCIPMITool
7. Web Function -- 0.0.0.0 is not allowed to be saved in 'Server Address'.
8. Server Address field can fill in over 255 characters which is not match with the Spec defined.(AD and LDAP)
9. Allow class D, E of IPv4 addresses for DNS Server IP setting.
10. Set invalid IPv6 Static Address raw command not return CC.
11. Updating the Backplane, Midplane, Fan/CPU/AIOM/AOM board CPLD all should now present MEL ID with the MEL
12. "BMC Reset " help info page description is inconsistent with UI Spec and BMC web
13. Improved BMC efficiency, compatibility and reliability.

01.03.14 (07/18/2024)

1. Liquid Leakage UI implement
2. Remove Action of ResetToDefault parameter "PreserveNetwork"

3. Avoid wrong string and etag format in Redfish and Correct Redfish API deprecate and create.
4. Make Preserve Network backward compatible as redfish 2020
5. The System button of Dashboard no reaction
6. Update slot format of Physical Storage view
7. Redfish Upgrade 2021.2, RF1.14
8. Adjust license of OemDumpService.
9. Event service and redfish eventHttps allow self-signed CA.
10. Support new feature Each Field v1.33
11. OSS Requirements
12. Prompt text update - IKVM over maximum sessions
13. Added RSA2048 key for license server from new IT HSM
14. Update the SSDP Redfish version and fix possible exception
15. WEBUI HDD Temp and SSD Temp show null and correct Drive Status
16. Add Smart NIC related schema and adjust smartnic url index
17. Support GPU-NVDPU-BA3220-C transceiver temp on BMC Web.
18. Support AMD MA350
19. Improved BMC efficiency, compatibility and reliability.

01.03.34 (11/12/2024)

1. Moved CXL controller data structure to share memory, and fix the risk of double mutex get.
2. Update BIOS failed without CPU
3. Change sensor name from AOC SSDx Status to AOC_SSDx State
4. Support Multi-Target Update in MutiPart
5. Add BMCEvidence and BIOSEvidence dump of OemDumpService.Collect
6. Advanced Settings status cannot be changed Operator privilege Health Event Log successfully [178713] - Advanced Settings status cannot be changed successfully
7. Redfish should allow external account service word length more than 20
8. Modify LicenseService support platform
9. Update MEL Spec 1.08
10. [ACL][2U MGX] AOC-LPE32002-M2 missing sensor and AOC info in BMC WebGUI
11. Remove CXL info from Storage Overview and Physical view Feature - CXL implementation.
12. Thor2, some specific NCSI device need reinit NCSI when power on
13. Replace Model of redfish/v1/Managers/1
14. Add Idap RFC2307bis support.
15. Support Broadcom channel AOC VPD format.
16. Redfish and SMTP test event is inconsistent between HW1 and SW
17. Support Redfish standard API /redfish/v1/LicenseService
18. Support [Micron CZ120 ES] and [Samsung CXL128GB /WS3] Missing CXL device information in BMC storage page.
19. Update MCU will hung when "Upgrade Progress:100%"
20. Some SSD only systems show HDD Temp
21. M2_SSDx Temp reading is missing
22. Fix SmartNIC update button duplicate issue and word display
23. Fixed iKVM power cycle action won't generate MEL