

BMC Firmware Release Notes

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Product Name	X13DEG-OAD
Release Version	1.01.04
Build Date	12/20/2023
Previous Version	1.00.26
Update Category	Recommended
Dependencies	None
Important Notes	None
Enhancements	None
New features	<ol style="list-style-type: none">1. Feat(GPU): Supports MI300.2. Feat(DeltaNext,Fan): Added the temperatures of Broadcom SAS3908, and HDD, SSD temperatures connected to the card to the PWM table.3. MB CPLD1/MB CPLD2/BPN/FAN/side SW CPLD updated via SimpleUpdat.4. Redfish supports new OEM FixedBootOrder API to replace BootOrder for changing bios boot option.5. [299 Phase 1] Disabled IPMI Lan Port Interface.6. [Internal][For SMC LAB only] Unprovisioning.7. Dump (and compare) MB_CPLD1 dual-boot-image by production-sum.8. Dump (and compare) BPN dual-boot-image by production-sum.9. Feat(Delta-Next, Redfish, Web): Added UBB information for redfish.10. Feat(Delta-Next, LOG): Supports HGX_H100 log dump.11. Feat(Fan, CPLD): Supports setting fan board CPLD's values of reg 0x3c to disable fan fail.12. Feat(ROT2+): Supports FrontIO configuration thermal control.13. Feat(Delta-Next, web, redfish, PS): Supports front IO and OCPV3 PS.14. Feat(Delta-Next, LOG): Supports H100 "debug token" service.

	<p>15. Feat(Delta-Next, redfish): Forbid NV redfish URL access when power is off or BIOS is snooping, BMC usb_nv nic is not ready to use. It will cause redfish access fail with no evidence.</p>
Fixes	<ol style="list-style-type: none"> 1. Fix(Web): Couldn't show firmware version page. 2. Fix(hgx, Redfish): OOB dump log didn't contain RetLTSSM log. 3. Fix(Redfish): Correct DumpService Collect action some return code. 4. Fix(Delta-Next, Redfish): Received /redfish/v1/Oem/Supermicro/HGX_H100/Systems/HGX_Baseboard_0/LogServices/EventLog/Entries fail. 5. Fix(Delta-Next, Redfish): Received /redfish/v1/Oem/Supermicro/HGX_H100/Systems/HGX_Baseboard_0/LogServices/EventLog/Entries/XX (XX >= 1024) fail. 6. Fix(Delta-Next, Redfish, Thermal): Incorrect GPU Temp and HBM Temp. 7. [157976] PWS-DF009-2F intermittently had information missing. 8. Fix(Front IO): The system mistakenly identified the system as a rear IO system, but it was actually a front IO system. 9. Fix(Front IO): The duty of pwm4 in the front IO system was not followed by pwm4 setting. 10. Fix(Redfish): Check MB Provision was been done before RA Provision. 11. [165615] OEM--23409--11.01.00--User Account information cannot be modified on WebGUI. 12. [165569] Primary NTP Function failed due to how the Timezone did not change accordingly. 13. [166379] BETA -- 01.01.01 -- Test SMCRAKP Functionality failed due to how the specific warning message was not found. 14. Fix(Delta-Next, Web, Redfish): Couldn't login to the web page after changing Web SSL Port. 15. Fix(DeltaNext,Storage): BMC couldn't detect Broadcom SAS3908 RAID cards. 16. [164021] Solidgm SBFPF2BU038T001 drove without being detected in sensor readings, nor properly in storage monitoring. 17. Fix(DeltaNext,Redfish): Removed json nodes of "RelatedItem" and "RelatedItem@odata.count" for responses of /redfish/v1/UpdateService/FirmwareInventory/HGX_*. 18. Fix(DeltaNext,Redfish): Fixed error values of "LanesInUse", "MaxLanes", "MaxPCleType", "PCleType" for Nvidia GPU. 19. Feat(CPLD): Set all fan pwm with 0xff when system dc was off.

	<p>20. Fix(ISU162557): Liquid Cooling Delta Next had an issue where the default fan mode was not consistent after burning test.</p> <p>21. Fix(hgx, ipmi): HMC sometimes stopped redfish service.</p> <p>22. Fix(RA): Current owner index was wrong after RA provision.</p> <p>23. Fix(Redfish): Got wrong data in resp header /redfish/v1/UpdateService/FirmwareInventory/HGX_FW_PCleRetimer_x response header contained part of response body data.</p> <p>24. Fix(Fan): Retimer sensor should have applied PWM zone 5 and 6, but only applied 6.</p> <p>25. Fix(Provision): Fixed OTP flush error and should have stopped provision.</p> <p>26. [161232] Abnormal UID LED Behavior, Solid Blue On For Remote UID On Event.</p>
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