

IPMI Firmware / BIOS Release Notes Form

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Product Name	H12SSL-i/C/CT/NT
Release Version	1.1.4
Release Date	02/15/2022
Previous Version	1.00.35
Update Category	Critical
Dependencies	N/A
Important Notes	For Milan-X processor support (EPYC 7003x series), please use this version IPMI firmware
Enhancements	N/A
New features	N/A

Fixes

1. *[136776] STD -- 18379 -- 01.01.02(20220107) -- When FRU(BM/BS/BP) is empty, FRU didn't sync from FRU1(BM/BS/BP) after reboot.*
2. *Fix SNMP setting is abnormal.*
3. *[136773] STD -- 18379 -- 01.01.02(20220107) -- Mount *.img display wrong file type on mounted information.(Floppy Disk)*
4. *[136776] STD -- 18379 -- 01.01.02(20220107) -- When FRU(BM/BS/BP) is empty, FRU didn't sync from FRU1(BM/BS/BP) after reboot.*
5. *[136784] STD -- 18379 -- 01.01.02(20220107) -- WEB GUI add User more than maximum & invalid input return unexpected error message*
6. *[H12SSL] Support Boardcom AOC 38xx/39xx via I2C mode, Fix PB issue [129742][132456][132643][132878][133255][133264][133367][134155]*
7. *Adjust AMD CPU temperature unr/ucr to 100*
8. *[134275] STD -- 18379 -- 01.00.35 -- [SMCIPMITOOL] can't ADD User account*
9. *[134290] STD -- 18379 -- 01.00.35 -- [SMCIPMITOOL] can't delete User account*
10. *[134295] STD -- 18379 -- 01.00.35 -- [Redfish] DELETE Valid account at uri. but checking status code is 200*
11. *[135208] STD -- 18379 -- 01.01.00(12/03/2021) -- SMCIPMITool couldn't set DDNS state to enable/disable*
12. *[135209] STD -- 18379 -- 01.01.00(12/03/2021) -- Account ADMIN couldn't switch to LDAP/Radius directory service after login with AD account*
13. *[135212] STD -- 18379 -- 01.01.00(12/03/2021) -- PSUinfo doesn't appear at Web UI*
14. *[135217] STD -- 18379 -- 01.01.00(12/03/2021) -- Enable NTP server will pop twice message.*
15. *[135220] STD -- 18379 -- 01.01.00(12/03/2021) -- Virtual Floppy can't upload .ima file but ikvm/HTML5 virtual media could*
16. *[133367] [AOC Compatibility] IPMI dashboard healthy show red when insert AOC-S3916L-H16IR-32DD*
17. *[133264] [AOC Compatibility] There is no AOC_SAS_Temp and HDD_Temp in IPMI Sensor Reading when insert AOC-S3808L-L8IT*
18. *[133255] [AOC Compatibility] After create RAID via Web UI, the behavior of PD per Span are not match*
19. *[132878] [AOC Compatibility-AOC-S3816L-L16IT] There is no AOC_SAS_Temp in IPMI Sensor Reading when insert AOC-S3816L-L16IT*
20. *[132643] [AOC Compatibility] After create RAID via Web UI, the behavior of PD per Span are not match*

- 21. [132456] [AOC Compatibility-AOC-S3908L-H8IR-16DD] There is no AOC_SAS_Temp in IPMI Sensor Reading when insert AOC-S3908L-H8IR-16DD
- 22. [129742] Storage Monitoring does not display drives and SAS 3916 info
- 23. [128124] No Storage Monitoring for AOC-SLG4-2E4T & 4E4T

1.00.35 (09/22/2021)

- 1. [129981] STD -- 17212 -- 01.00.14 – Anonymous account or null value can be created on X11 and X12. [130390] STD -- 17212 -- 09.11.50 BETA – [Security] Buffer overflow in ipmi_lan ASF protocol.[130823] BETA -- 17212 -- 07.30.31 -- [Security] resolv.conf won't be deleted, it may cause a potentially DNS Hijacking.

1.00.34 (05/19/2021)

- 1. [121298] STD-18380 -- 01.00.21(12/18/2020) M-b~@~S Button is enabled for operator user for SSDP and SSL Certificate
- 2. [125298] Error message pop up after modified web port
- 3. [124686] STD -- 01.00.28 -- Incorrect prompt message when set NTP Server with valid value
- 4. Fix bios backup, golden, and staging image of inventory show not present with AMD Milan CPU

1.00.32 (02/25/2021)

- 1. Add support to AMD GPU MI100 A2, remove MI100 A1
- 2. Add support to AMD GPU V520
- 3. Add support get HBM temp for AMD GPU MI100 A2
- 4. When only one PSU, system will be throttle
- 5. Add support GPU Nvidia A40
- 6. [119740] Bios version in firmware inventory and smcfirmware inventory use different string. (Rev / Ver).
- 7. Support NVIDIA RTX A6000
- 8. Add E810XXV chipset into PLDM support list
- 9. [121272] [IPMI ECO] Redfish ATT failed. [121561] [IPMI ECO] SUM ECO ATT failed.
- 10. [121906] SMT_H12AST2500_ROT_RSA4K_010029P-- Incorrect display of "Category" when sorting on MEL page. [121904] SMT_H12AST2500_ROT_RSA4K_010029P-- Incorrect Prompts when enabling NTP, [121866] SMT_H12AST2500_ROT_RSA4K_010029P--

Incorrect Prompts after modifying NTP Server, [121479] [BMC event] Severity of "System NIC (0) IPv6 IP Change" should be Warning not OK on the H12SSW-NTR, [121833] [DVT] When AC on, IPMI sel log will appear "[OEM] [BIOS] SPI Channel attack is prevented - Assertion"

11. [105659] [DVT] NVMe ejected randomly during IPMI onoff test
12. [116224] [IPMI:1.00.17] IPMI execution failed in run IPMI ECO Automation.
13. [113790] IPMI ECO automation test failed.
14. [113613] [ROT] BIOS recovery event log display twice in SEL on IPMI v1.0.8
15. [109736] [SUM] got the fail results via SMSTC of the H12SSW-NTR
16. [105730] SATC redfish automation standard mode test fail
17. [115545] OEM -- 9169-- 6.00.11 -- Wrong popup message displayed.
18. Fix AMD MI100 A2 read Temp error
19. [116699][SMCIPMITool_2.24.0_b200904] ikvm fail on the some RoT projects.(ex: H12SSW-NTR) but Non-RoT ones pass.
20. [119014][OKAYA_BIOS] Sometimes system will get "CPU1 Temp - Processor automatically throttled - Assertion".
21. [118852] Set up IPMI login password with "\" character and user cannot login
22. [118700][OKAYA_BIOS] IPMI Web GUI will get error message from NVMe device during DC on/off testing.
23. [117484] Alert LED will keep blinking when power state was recovered
24. [116737] [ECO] It takes long time to detect FAN failure when FAN connector was disconnected.
25. [116732][ECO] It takes long time to trigger Alert LED when IPMI detect power failure
26. [121181] [Nagios_v110_b2001209] de-assertion event not received while plugging back the FAN cable on the H12SSW-NTR but x12spz works fine (fixed by FW SMT_X12AST2600_ROT_001078p)
27. Bring H12SSL from branch to the main trunk and fixed the following PB issues: [121130] [DVT] IPMI web GUI change fan mode, sometimes can't change, [120119] ECO-- SMT_H12AST2500_ROT_RSA4K_010026P-- Prompt doesn't match behavior after modifying/deleting default ADMIN user, [120117] ECO-- SMT_H12AST2500_ROT_RSA4K_010026P-- Configuration cannot be fully restored, [120067] ECO--SMT_H12AST2500_ROT_RSA4K_010026P-- User is unable to enter at the maximum of 16 characters, [120066] ECO--SMT_H12AST2500_ROT_RSA4K_010026P-- Uncheck all the category still can display all event logs after searching, [120057] ECO-- SMT_H12AST2500_ROT_RSA4K_010026P-- No thresholds for Fan on WebGUI
28. Replace GPIO AA3 to E7 to fix HW issue that can't receive reset when bios disable SMT control.
29. FAN1 & FAN2 speed sensor reading are not in range
30. Add support nVidia A100 GPU card
31. Remove license check for mouse mode
32. [117226] IPMI SEL During Cburn DC On/Off