# IPMI Firmware / BIOS Release Notes Form

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| **Product Name** | **H12SSG-ANP6** |
| **Release Version** | **00.01.20** |
| **Release Date** | **11/28/2024** |
| **Previous Version** | **00.01.17** |
| **Update Category** | **First Release** |
| **Dependencies** | **BIOS R 3.0** |
| **Important Notes** | **IPMI Image:** <br> **BMC_H12SSG-AST2600-ROT1PLUS-9301MS_20241128_00.01.20_STDsp.bin** <br> **IPMI Update Package:** <br> **BMC_H12SSG-AST2600-ROT1PLUS-9301MS_20241128_00.01.20_STDsp.ZIP** |
| **Enhancements** | **N/A** |
| **New features** | **N/A** |
| **Fixes** | 1. **RTX 4500 GPU is not detected in IPMI.** <br><br> 2. **No response from BMC web when inputting long Groupe name with AD/LDAP account. Customer reported issue that caused MEL to not parser events successfully, resulting in no Web response when logging in.** |

**00.01.17 (6/7/2024)**

1. Added: AD user password length support for 64 bytes
2. Fixed: BIOS Golden Image version is not displaying at Firmware inventory


**00.01.15 (3/12/2024)**

1. Added support for Nvidia L40,
2. Added i2c protection map file for H12SSG
3. Added support for "AMD V620 GPU", "AMD MI100 GPU"
4. Added RTX5000-ADA and RTX6000-ADA GPU sensors
5. Fixed invalid sensor name
6. Fixed issue with POST request using invalid parameter with headers/files, status code should be 400 but it is 202
7. Fixed incorrect MEL record when configuring Virtual Media.
8. Fixed issue with BMC restarting message not matching with UI spec.
9. Fixed Mount Floppy image failure via SUM
10. Fixed failure to mount CD image via Redfish API
11. Fixed issue where system can't launch one more ikvm session via Chrome/Firefox/Edge
12. Fixed failure to Set LAN AutoConfiguration DHCPv6Mode Configuration
13. Fixed issue where MEL Log should be recorded when enable/disable LDAP/Active Directory/RADIUS
14. Fixed issue where AD user name info should display when complete
15. Fixed issue where troubleshooting table fields doesn't display complete
16. Fixed issue where the DDNS BMC Hostname "tips" is not matching with text error check rule
17. Fixed issue where help tips dosen't have SSDP
18. Fixed issue where the Dedicated Link speed has 10M speed
19. Fixed issue of No related MEL when set DDNS BMC Hostname
20. Fixed issue of No related MEL when en/disable LDAP and set Account Lockout Durationa/counter reset.
21. Fixed issue where NVMe webgui requires more time for ejection
22. Fixed Stack buffer write overflow at H12 logout.cgi
23. Fixed Command injection Cause: BMC config could be revised to make command injection situation Solution
24. Fixed unexpected SEL was triggered when restarting Windows OS
25. Fixed SMCIPMITool -- Response value is incorrect when delete user via SMCIPMITool" Synced fixing from OEM branch
26. Fixed Incorrect MEL after enable/disable Host Interface" Synced fixing from OEM branch
27. Fixed Incorrect MEL after configuring and saving Alerts" Synced fixing from OEM branch
28. Fixed "FRU0 does not sync to FRU1 OK" Synced fixing from OEM branch
29. Fixed Fan Mode naming should be "Heavy I/O Speed"" Synced fixing from OEM branch
30. Fixed Failure to log in with user accounts with <>\ special letters" Synced fixing from OEM branch
31. Fixed Repeated MEL after visiting Virtual Media page" Synced fixing from OEM branch
32. Fixed Issue: "Redfish automation test failed" One failed case is AD login failed
33. Fixed Issue: GPU Part Number missing from WebGUI" -- Use HBA board part number instead of GPU chip part number. Synced fixing from OEM branch
34. Fixed Issue: "After SEL become full, events disappear in web page" --Fixing, 4096 system event logs need longer netowrk transmission time. Synced fixing from OEM branch
35. Fixed Issue: Missing power supply DMI (type 39) information intermittently and DCMI power reading abnormal

36. Fixed Issue: Fix CPU's TDP show 0 for Zen3 CPU (e.g. AMD Ryzen Threadripper PRO 5965WX (Chagall (Zen 3)))
37. Fixed Issue: Response of IPMI oem cmd to do OEMGetSetDNSServer is wrong
38. Fixed Issue: "BIOS ATS tool test Local Mac Address failed" Support oem command 0x30 0x68 0xe1
39. Fixed Issue: "webgui sensors are not in order " Sorting Sensor of same type
40. Fixed Issue: "Fail to reject invalid password for creating account through redfish" "Fail to log in with user accounts which are the combination of <letters> through GUI "
41. Fixed Issue: Close button is out of the Preference frame for IKVM/HTML5
42. Fixed Issue: Clicking 'Mount' button in HTML5 iKVM with no file selected will prevent mounting
43. Fixed Issue: Web Notification Alert issue
44. Fixed Issue: "redfish 503 Service Not Available" Use wrong image to do FW update would cause Redfish hang

### 00.01.06 (3/16/2022)
1. Fix "U.2 sensor lost during cburn on and off test"
2. Fix "Can't launch ikvm via JAVA"
3. Fix "ROT would wrongly trigger BIOS recovery when AC ON"
4. Fix "LCMC information will disappear and fan function abnormal after reboot."

### 00.01.04 (12/17/2021)
 Initial Release