

IPMI Firmware / BIOS Release Notes Form

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Product Name	H13SST-G/GC
Release Version	1.9
Release Date	05/28/2024
Previous Version	1.6
Update Category	Recommend
Dependencies	N/A
Important Notes	To support AMD EPYC Bergamo/Genoa-X processor, please update to BIOS v1.4 or higher.
Enhancements	<ol style="list-style-type: none">1. Update to 5.27_GenoaCrb_0ACQT025 for AGESA 1.0.0.C2. Update SA50218 (Vulnerability in EDK2 NetworkPkg/PixieFail VU#132380) to address CVE-2023-45229/CWE-125 (Medium, 6.5), CVE-2023-45230/CWE-119 (High, 8.3), CVE-2023-45231/CWE-125 (Medium, 6.5), CVE-2023-45232/CWE-835 (Medium, 6.5), CVE-2023-45233/CWE-835 (Medium, 6.5), CVE-2023-45234/CWE-119 (High, 8.3), CVE-2023-45235/CWE-119 (High, 8.3)3. Update AMITSE module for AMI SA50216 and SA50230 Security Advisories(LogoFAIL Vulnerability) to address CVE-2023-39538(7.5, High) and CVE-2023-39539(7.5, High) security issues4. Update SA50235 (Extended Image Parser Corruption Correction) to address BRLY-LOGOFAIL-2023-013(Medium, 5.1), BRLY-LOGOFAIL-2023-014(Medium, 4.4), BRLY-LOGOFAIL-2023-015(Medium, 4.4), BRLY-LOGOFAIL-2023-016(High, 7.5), BRLY-LOGOFAIL-2023-017(High, 7.5), BRLY-LOGOFAIL-2023-018(High, 7.5), BRLY-LOGOFAIL-2023-019(High, 7.5), BRLY-LOGOFAIL-2023-020(High, 7.5), BRLY-LOGOFAIL-2023-021(Medium, 4.1), BRLY-LOGOFAIL-2023-022(High, 7.5), BRLY-LOGOFAIL-2023-023(High, 7.5), BRLY-LOGOFAIL-2023-024(High, 7.5)5. Update secure boot KEK/DB to add new Microsoft certificate.

	<ul style="list-style-type: none"> 6. Disable ASPM in ACPI FACP when pcie ASPM is disabled. 7. Follow SW-PM's command change BIOS default setting for enable AMD ADDC by default. 8. Report GPU information to type 40 if card is a GPU hybrid card. (GPU system only) 9. Remove lan condition when get VPD data. 10. Update SEL support for Post Package Repair and MBIST.
New features	N/A
Fixes	<ul style="list-style-type: none"> 1. Fix "CCD control" and "Core Control" items can't work. 2. Add FBO group in BIOS cfg file dump from SUM. 3. Fix CPU freq. is incorrect in setup. 4. Fixed change boot order by IPMI function abnormal issue. 5. Fixed ACPI BIOS error(CSMI) in dmesg.
<p>1.6 (11/30/2023)</p> <ul style="list-style-type: none"> 1. Update to 5.27_GenoaCrb_0ACQT022 for AGESA 1.0.0.9 with patch 2. Update SecureBoot and AmiSecureBootPkg to correct secure boot system mode. 3. Fixed Memory Pmic event log DIMM location incorrect. 4. Fix duplicate lan string in boot order 5. Fixed an issue that "Present but not trained" is displayed in the memory information when no DIMM was installed. 6. Patch M.2 slot 2 sometimes drop. 7. Correct NVMe sequence in Rear IO sku. <p>1.5a (08/14/2023)</p> <ul style="list-style-type: none"> 1. Updated AMI label to 5.27_GenoaCrb_0ACQT020 for AGESA 1.0.0.7 with patch 2. Change Memory information unit to MT/s 3. Enhance the solution for the error/warning message from dmidecode after a modification by AMIDE. 4. Trigger Memory Enhanced PPR + SuperDiag after changing boot option to "Diag" via BMC 5. Hide "Local APIC Mode" 6. Update Pcode for erratum#1484/1485 7. Fix BMC VLAN status show incorrectly 8. Add workaround for HII can't be parsed from BIOS ROM 9. Fix AMIBCP can't change CPU settings 10. Fix boot order can't be preserved after updating BIOS 11. Fix IOMMU can't be kept after updating BIOS 12. Fix SMT control can't be kept after updating BIOS <p>1.4 (03/22/2023)</p> <ul style="list-style-type: none"> 1. Updated AMI label to 5.27_GenoaCrb_0ACQT018 for AGESA 1.0.0.6 	

2. *Fixed MCA correctable error cannot trigger when MCEON disabled.*
3. *Fix DDR5 speed not shown when "Quiet Boot" = Disable.*
4. *Fix BMC VLAN status show incorrectly.*

1.1 (01/17/2023)

1. *Updated AMI label to 5.27_GenoaCrb_0ACQT016 for AGESA 1.0.0.3*
2. *Add patch for MICRON NVMe lane drop*

1.0 (10/28/2022)

1. *First release*