

BIOS Release Notes Form

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Product Name	G1SMH-G
Release Version	2.1
Release Date	5/02/2025
Build Date	4/17/2025
Previous Version	2.0c
Update Category	Recommended
Dependencies	N/A
Important Notes	BIOS Image: BIOS_G1SMH-G-1D31-SYS0001_20250417_2.1_STDsp.bin BIOS Update Package: BIOS_G1SMH-G-1D31-SYS0001_20250417_2.1_STDsp.ZIP 1. Note that no UEFI BIOS flash utility was available for use on this specific motherboard model. 2. Updated BIOS via BMC WebGUI/Redfish/SUM.
Enhancements	1. Update Nvidia RC to 02.03.25.
New features	N/A
Fixes	1. Fixed DMI Edit 2. Fixed KMS certificate update failed

Release Notes from Previous Release(s)

Product Name	G1SMH-G
Release Version	2.0c
Release Date	2/25/2025
Build Date	1/22/2025
Previous Version	2.0a
Update Category	Recommended
Dependencies	N/A
Important Notes	BIOS Image: BIOS_G1SMH-G-1D31-SYS0002_20250122_2.0c_STDsp.bin BIOS Update Package: BIOS_G1SMH-G-1D31-SYS0002_20250122_2.0c_STDsp.ZIP 3. Note that no UEFI BIOS flash utility was available for use on this specific motherboard model. 4. Updated BIOS via BMC WebGUI/Redfish/SUM.
Enhancements	2. Update Nvidia RC to 02.02.07.
New features	N/A
Fixes	3. Fix PCIe gen downgrade issue 4. Restore the missing BMC Page in Setup

Product Name	G1SMH-G
Release Version	2.0a
Release Date	12/9/2024
Build Date	10/19/2024
Previous Version	2.0
Update Category	Recommended
Dependencies	N/A

Important Notes	BIOS Image: BIOS_G1SMH-G-1D31_20241019_2.0a_STDsp.bin BIOS Update Package: BIOS_G1SMH-G-1D31_20241019_2.0a_STDsp.ZIP 5. Note that no UEFI BIOS flash utility was available for use on this specific motherboard model. 6. Updated BIOS via BMC WebGUI/Redfish/SUM.
Enhancements	3. Update Nvidia RC to 02.02.06. 4. Add HTTPS TLS certification. 5. Set time limit for OOB driver TCP polling. 6. Add USB IAD device class/subclass/protocol support for ECM RNDIS.
New features	N/A
Fixes	5. Fixed display issue for IPv6. 6. SUM feature flag issue resolved. 7. Removed the SATA port suffix from the OS name. 8. Fixed HttpBoot boot option. 9. Fixed issue of boot option reset. 10. Added DHCP retries and set static IP after retries fail for OOB driver. 11. Preserved DMI when loading default settings. 12. Fixed inability to delete specific certificate. 13. Resolved single boot instability.

Product Name	G1SMH-G
Release Version	2.0
Release Date	08/21/2024
Build Date	07/12/2024
Previous Version	1.1a
Update Category	Recommended
Dependencies	N/A
Important Notes	BIOS Image: BIOS_G1SMH-G-1D31_20240712_2.0_STDsp.bin BIOS Update Package: BIOS_G1SMH-G-1D31_20240712_2.0_STDsp.ZIP 7. Note that no UEFI BIOS flash utility was available for use on this specific motherboard model. 8. Updated BIOS via BMC WebGUI/Redfish/SUM.

Enhancements	N/A
New features	N/A
Fixes	1. Initial released Refresh BIOS 2. Disable memory in-field repair 3. Fix, PERST timing during warm reboot doesn't meet PCIe spec

1.1a (02/27/2024)

Regular Release

Previous Version	1.0b
Update Category	Recommended
Dependencies	N/A
Important Notes	BIOS Image: BIOS_G1SMH-G-1D31_20240227_1.1a_STDsp.bin BIOS Update Package: BIOS_G1SMH-G-1D31_20240227_1.1a_STDsp.ZIP 1. Note that no UEFI BIOS flash utility was available for use on this specific motherboard model. 2. Updated BIOS via BMC WebGUI/Redfish/SUM.

Enhancements	1. Change AMI RC 2. BIOS SETUP: Removed Serial Port Console Redirection menu 3. BIOS SETUP: Changed the NVIDIA Configuration menu to be the standard menu instead of a driver-specific menu. 4. BIOS SETUP: Added a Clear NVRAM option to the BIOS Setup. 5. SMBIOS: Added SMBIOS Type 11. 6. ACPI: Changed the OEMID to "NVIDIA" 7. REDFISH: Added XHCI configurations. 8. REDFISH: Added a MaxTDPWatts parameter. 9. BMC: Cleared the NVRAM based on a BMC flag. 10. Added SMC HTTP Boot 11. Earliest BMC POST code to inform BMC system resets 12. Indicate BF3 in VPD 13. Set SUM Flag for Type 40 VPD 14. Update FPGA Version to 3 Bytes
New features	N/A
Fixes	1. BIOS SETUP: Removed an invalid character from the BIOS Setup that was causing issues. 2. Fixed SMC HTTP Boot. 3. Fixed BMC IPv6 Configuration from BIOS 4. Fixed Physical USB Keyboard 5. Removed BIOS included Realtek UNDI driver 6. TPM Support is disabled when reset to defaults

1.0b(12/13/2023)

Initial Release