Statement of Volatility for HPM-GNRUAA-A1R Product

The HPM-GNRUAA-A1R product contains non-volatile components only. Non-volatile components continue to retain their data even after power has been removed from the component. Volatile components lose their data immediately upon removal of power from the component.

Non-Volatile Components

Contain non-volatile memory (Memory whose contents are retained when power is removed)

Type/ Function	Size	Location	User Data	Removable	Function	Procedure to Clear
RTC CMOS – SRAM	128 Bytes	U42	No	No	Contains Date and time and store system data	Clear CMOS
BIOS EEPROM	64 MB	U37	No	No	Contains BIOS and DMI data	User program to erase thru SPI Interface
BMC EEPROM	64 MB	U60	No	No	Contains BMC data	User program to erase thru SPI Interface
BMC SDRAM	512 MB	U53	No	No	Contains BMC FW	User programmer to erase
FRUID EEPROM	64 KB	U64	No	No	Contains ID data	User program to erase thru I2C Interface
Trust Platform Module	Refer to Nuvoton Technology Corporation or Infineon Technologies AG datasheet	U36	No	No	Secure hardware through integrated cryptographic keys	User program to erase
CPLD RAM	84 KB	U77	No	No	Contains Boot data	User program to erase thru JTAG Interface
SATA Bridge Controller EEPROM	512 KB	U16	No	No	Contains SATA Bridge controller configuration data	User programmer to erase
USB Host Controller EEPROM	512 KB	U18	No	No	Contains USB Host controller configuration data	User programmer to erase
LAN EEPROM	1 MB	U28	No	No	Contains LAN configuration data	User programmer to erase
LAN EEPROM	16 MB	U30	No	No	Contains LAN configuration data	User programmer to erase
OTP EEPROM	4 KB	U99, U104 and U107	No	No	Contains PMIC configuration data	N/A

Effective Date: November 12, 2025

Wing Keung
Quality Manager