

BIOS Release Notes

TITLE

SUBJECT: MRNUAA-00 BIOS Release Notes version F11
System: MRNUAA-00,GB-BRR7(H)-4700,GB-XUZD-00,GB-XUZB-00

About This Release

Build Date: 2024/12/09
BIOS Checksum: 0xCF9646B6
Release Owner: Justin.Wu

BIOS Components/Contents

Processor stepping(s) supported: AMD Renoir Processors
System hardware configurations supported: MRNUAA-00
PCB Version: 1.x
Microcode updates versions:

CPUID	Family	Microcode Update ID
Renoir A0	Family 17h Model 60-6Fh	08600103
Renoir A1	Family 17h Model 60-6Fh	0860010D

IPMI support:
AMI Kernel version: 5.16_1AWKK_PI1.0.0.Ea_037
AGESA PI version: Renoir PI 1.0.0.Ea
OPROM version:

OPROM	Version
VBIOS	037
GOP	2.24.0
Realtek Legacy LAN	2.58
Realtek UEFI LAN	2.032

Installation Notes

IMPORTANT NOTES:

1. Please extract the **MRNUAA-00_F11.zip** to a bootable diskette that use FAT/FAT32 format

BIOS UPDATE INSTRUCTIONS FOR EFI Shell:

1. Insert USB flash drive to system for BIOS upgrade.
2. Power on system and boot to setup menu
A)Boot option#1 set to UEFI Shell
3. Save and Reset and directly into UEFI Shell
4. Enter your USB filesystem, like "fs0:" or "fsx:", "x" is your USB filesystem number
5. Execute FLASH.NSH for bios update
6. After bios flash finish, please reboot system

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BIOS Version CHECK INSTRUCTIONS:

1. Power on system and press during POST
2. The bios version shows on the first main page

Known Issues/Workarounds

Issues fixed in this version

F11

1. [Security Update] CVE-2023-31315.
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F10

1. [Security Update]PK Fail.
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F09

1. Fix issues about system cannot shutdown.
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F08

1. Support factory debug device (PCIe card).
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F05

1. Implement Silent / Standard / Performance Fan mode.
 2. Adjust AC Power Loss feature.
 3. Speed up CPU Fan RPM to slow when resume from s3
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F04

1. Improve Fan Performance.
 2. Support GBT factory test function.
 3. Pass WHLK
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F03

1. Improve Performance.
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F02

1. Solve USB HLK issues.
 2. Solve Power Button randomly power on fail issues.
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F01

1. First Release.
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