AMD Instinct™ MI300X Firmware Changes

Contents

Chapter 1: Introduction

This document provides release notes for the AMD Instinct™ MI300X Accelerator firmware, including enhancements and key fixes.

⭐ **Important:** The MI300X Firmware bundles 24.11 and later require an upgrade to ROCm 6.2.

Chapter 2: Release Contents

The following table details the versions of the constituent firmware and software components in this release. Certain component versions may remain unchanged across different releases.

Table 2.1: Firmware Bundle Component Versions

Location	Component	Component Details	Version Number
Bundle	bundle_active	01.24.12.10 (Production)	0x01180C0A
Bundle	ROT	00730000 (Production)	0x00730000
Bundle	IFWI	01.04.114328 01.04.114661	0x1041BE98 0x1041BFE5
Bundle	SMC	2.11.0.65F (Production)	0x0100410F
Bundle	SMC FPGA	00.26.10	0x00026010
Bundle	UBB FPGA	00.26.13 00.26.24	0x00026013 0x00026024
Bundle	Re-timer	2.11.062 2.11.075 2.11.076 2.11.078	0x0200B03E 0x0200B04B 0x0200B04C 0x0200B04E
Bundle	Remote Management	4.0.12	0x0400000C
Bundle	VR	01.09 02.BE	01.009 02.0BE

Chapter 3: Enhancements

The enhancements in this release are listed below sorted by component.

Voltage Regulator (VR): Added new VR configs.

Chapter 4: Key Fixes

The following issues were fixed in this release.

- Updated PCC tuning to further improve OAM stability.

- Suppressed parity error informational messages in engineering debug logs. Reverted to previous proven SMC and UBB FPGA combination.

- Updated VR settings to improve margin and stability.

Appendix A   Notices

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