



v3.4.1 (for hardware revision 980E/980F)

Fixes included in this update:

- Decreased max packet size for USB 3.0 compatibility
- Optimized interrupt handler routines to have a shorter period where interrupts are disabled
- Added additional serial commands for driver compatibility

v2.3.6 (for hardware revision 980E/980F)

Fixes included in this update:

- Updated text for help display

v2.3.5 (for hardware revision 980E/980F)

Fixes included in this update:

- Fixed buffer overflow when uploading strings by adding a check for buffer length
- Fixed incorrect session display when session contains multiple of 88 checkpoints
- Fixed incorrect trace message display where newlines were in the wrong place
- Updated text for help display

v2.3.4 (for hardware revision 980E/980F)

Fixes included in this update:

- Fixed debug mode to correctly support Windows kernel debugging

v2.3.3 (for hardware revision 980E/980F)

Fixes included in this update:

- Added as new backspace type, fixes inconsistency between terminal software
- Added extra condition for checking a blank session
- Fixed indexing error for displaying last boot time
- Fixed problem with firmware uploads going to backup firmware location
- Changed 'debug mode' from interrupt driven to polling (improves performance)

v2.3.2 (for hardware revision 980E/980F)

Fixes included in this update:

- Fixed issue where some user ROM upgrades from v2.3.0 are not successful
- Fixed an issue with USB NACK packets which caused AMI Debug Rx to miss the handshake checkpoint packet on certain USB controllers

AMI Debug Rx

Firmware Release Notes



- Added confirmation splash screen on session operations in the AMI Debug Rx device menu (Save Session, Erase Session)

v2.3.1 (for hardware revision 980E/980F)

Fixes included in this update:

- Changed bootloader that that stack space is correctly allocated for the main firmware
- Fixed code to protect reentry in USB UART based code (performance issue)
- Reduced time to checkpoint capture by removing SRAM init (performance issue)
- Added ACK for USB redirection packets, prevents hang observed when using CHECKPOINT mode with USB Redirection enabled in Aptio 4.x
- Added session erase and device info commands to LCD main menu
- Added session data marker in Save/Load/Erase commands to indicate which sessions contain data (helps prevent accidental erasure of existing sessions)

v2.3.0 (for hardware revision 980E/980F)

Fixes included in this update:

- Code cleanup and cosmetic changes (smaller code footprint)

v2.2.1 (for hardware revision 980E/980F)

Fixes included in this update:

- Enabled LED blinking during passthrough mode traffic (DEBUG mode)
- Removed extra 00 checkpoints displayed in a loaded session
- LCD no longer cleared when attempting to send blank string table
- IVT no longer protected during system flash
- Added check to prevent checkpoint buffer overrun
- Modified some help strings for virtual terminal commands
- Fixed serial number display format (`info` terminal command)

New features in this update:

- Additional error checking during system flash
- Enhanced production diagnostics
- Added zero padding functionality to decimal conversion function

v2.2.0 (for hardware revision 908E)

Release candidate firmware, intended for production hardware after quality assurance testing

Fixes included in this update:

- Changed firmware version to be a single string
- Moved boot counter so that it can be saved in a session, displays total boot time in header of a session summary (using `display` or `download` terminal command)

AMI Debug Rx Firmware Release Notes



- Updated checkpoint strings (for AMIBIOS8 & Aptio 4.x products)

New features in this update:

- Terminal info command
- Production diagnostics
- Restore factory strings during a factory firmware restore
- Display last recorded boot time in a session
- Changed locking mechanism used with AMI Debug for UEFI/AMIBIOS8