

AMIDebug™ Rx

The USB Remedy for BIOS Checkpoints



BIOS debug can be tricky; AMIDebug™ Rx greatly simplifies it, in all phases of system development and deployment. Perfect for today's embedded and Ultrabook™ platforms, but sophisticated enough for use with advanced workstations and servers, this product is ideal for BIOS developers, quality assurance labs and field service technicians.

The new, patent-pending AMIDebug™ Rx device is the first of its kind: a low-cost debug tool built around the debug port feature common to today's USB 2.0 EHCI controllers. As an added bonus, AMIDebug™ Rx is in a convenient, portable form factor that easily fits in your pocket, roughly the size of a mobile phone or similar handheld device.

HIGHLIGHTS:

- **Low-cost device based on AMI patented technology for development or field diagnostics**
- **Perfect companion to checkpoint-rich Aptio® 4.x & Aptio® 5.x firmware**
- **Handheld, portable "Plug and Play" debug tool based on USB 2.0 standards**
- **Features LCD display and simple user interface for easy debug**
- **Supplement BIOS POST Codes & UEFI Status Codes with descriptive diagnostic strings**
- **Store debug data in on-board memory for later use**
- **Works with AMIDebug™ for UEFI for source-level debugging**

AMIDebug™ Rx

Diagnosing small form factor platforms with AMIDebug™ Rx is nonintrusive, allowing technicians to access checkpoints without opening the case. AMIDebug Rx replaces the POST checkpoint card's traditional 7-segment LED with a small LCD screen, providing the ability to display more descriptive debugging messages.

AMIDebug™ Rx includes the following key features:

- Low-cost alternative to the PCI "POST Checkpoint Card"
- Designed for BIOS developers, quality assurance testing and field diagnostics.
- Device records checkpoints, UEFI debug messages and timing data for measuring boot performance
- Session data can be captured and stored to one of four "sessions" for later review
- Display descriptive text for each checkpoint: based on Aptio 4.x, Aptio 5.x or a user-provided string table
- AMIDebug Rx protocol can be ported into existing Aptio 4.x and Aptio 5.x BIOS projects
- Works with AMIDebug™ for UEFI to enable source-level BIOS debugging



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