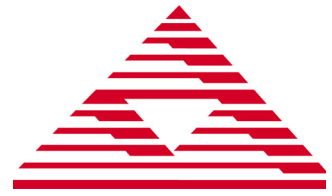


Graphical AMIDiag™

UEFI Diagnostic and Testing Solution



NATIVE UEFI DIAGNOSTICS

Graphical AMIDiag is the only comprehensive diagnostic program for UEFI that does not require any dependence on legacy BIOS. It supports testing in Aptio or Tiano environments, as well as legacy BIOS environments with EDK DUET support. Graphical AMIDiag performs all diagnostics directly on the hardware, without the interference of device drivers or interfaces that may alter or hide certain hardware, to give more reliable and secure test results.



Graphical AMIDiag provides comprehensive hardware testing for end-users with an easy to use graphical interface, which is perfect for mouse and touch driven systems, and supports UEFI-compliant AMI and third-party hardware drivers for device-specific testing. One such test, the Troubleshoot My PC wizard runs extensive tests based on a system's symptoms and can quickly diagnose system hardware issues. Graphical AMIDiag also has the ability to be embedded directly into the BIOS ROM - which can add value and increased functionality to the BIOS. This means that it can be launched directly from ROM rather than from mass storage devices, leading to improved execution speed, which is particularly useful in burn-in testing.

A COMPREHENSIVE SET OF DIAGNOSTIC TESTS

Graphical AMIDiag provides comprehensive testing for all system components, including:

- System CPU and Memory (including multiple processors)
- Hard Disk and Mass Storage Devices
- CD/DVD and other peripherals
- Keyboard, Video and Mouse
- Network Interface
- Standard protocols such as SCSI, PCI, USB and ACPI

FLEXIBLE USAGE OPTIONS

Graphical AMIDiag is a powerful diagnostic tool for end-users that can be used quite flexibly to automate the testing process through wizards. All errors can be logged and analyzed. The user can specify a variety of execution options as well as Graphical AMIDiag suggesting tests based on symptoms.

Graphical AMIDiag can be utilized in batch mode for cycles of repeated testing to implement robust burn-in quality procedures. The program can be run continuously, for a predetermined number of passes or for a predetermined amount of time.

The user can specify the ordering of test execution, set a wait on error option that requires user intervention before proceeding, or set an order to stop on error. An interactive flag can be set. Abbreviated versions of the tests can be run in Quick Test Mode, which allows complete system testing in shorter time.

EXTENSIVE UEFI TESTING

- The only true hardware diagnostics for UEFI
- Supports Aptio® and Tiano
- Supports legacy BIOS with EDK DUET (IA32 or x64) image

COMPREHENSIVE SYSTEM TESTING

Reduce Returns and Enhance Customer Satisfaction

- Comprehensive Diagnostics
- Support for IA32 and x64
- Supports the latest CPUs from Intel and AMD
- Platform customization with protected execution
- ROM capable; can be added directly to BIOS

BENEFITS MULTIPLE USERS

Completes BIOS & PC technology programming skills

- End-Users
- Design Engineers
- Technical Support Personnel
- Repair Technicians

SIMPLE TO USE

- Runs batch and script files
- Saves script files
- Single key identifies a group of tests, such as Memory or USB

GROUPED TESTS / FUNCTIONS

Within the Graphical AMIDiag interface, key tests and functions are grouped into the following categories, identified by easily recognizable icons:

- Quick Health Test
- Complete Health Test
- Device Specific Test
- Performance Test
- System Information Summary
- Troubleshoot My PC

OPTIONAL SDK FOR EASY DEVELOPMENT OF CUSTOM TEST PLUG-INS



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