



About Apple Service Diagnostic (Dual Boot) DVD v2.6.3

Apple Service Diagnostic DVD is designed to run both Open Firmware and Mac OS X tests from a single DVD. Apple Service Diagnostic (OF) performs low-level tests of hardware directly and does not require an operating system to run. Apple Service Diagnostic (OS) uses Mac OS X to perform tests.

Booting and using the Apple Service Diagnostic (Dual Boot) DVD

With the DVD inserted restart the machine and hold down the C key as the computer starts up. After 20-30 seconds the computer will boot to the main screen of Apple Service Diagnostic for Open Firmware testing. Apple Service Diagnostic Open Firmware testing does not require an operating system to run. After running Diagnostic (OF) press the Restart button to restart the Mac. Press and hold down the 'option' key while booting to get to system picker. Once system picker has finished scanning for other bootable volumes, select Diagnostic (OS) and press the right arrow key. After 3-4 minutes the computer will boot to the main screen of Apple Service Diagnostic for Mac OS X testing. Once finished press the Shutdown or Restart button to quit.

Before using Apple Service Diagnostic disconnect any Ethernet network and USB cables.

Apple Service Diagnostic is distributed to Apple Service Providers only for use with iBook G4 (12-inch Mid 2005), iBook G4 (14-inch Mid 2005), Mac mini (late 2005), iMac G5 (17-inch iSight), iMac G5 (20-inch iSight), PowerBook G4 (15-inch Double-layer SD), PowerBook G4 (17-inch Double-layer SD), and PowerMac G5 (Late 2005). * See note below for OS testing on PowerMac G5 (Late 2005).

What's Changed

v2.6.3

Added support for PowerBook G4 (15-inch Double-layer SD), PowerBook G4 (17-inch Double-layer SD), and PowerMac G5 (Late 2005).

* See note below for OS testing on PowerMac G5 (Late 2005) under Known Issues.

v2.6.2

Added support for iMac G5 (17-inch iSight) and iMac G5 (20-inch iSight).

v2.6.1

Added support for Mac mini (late 2005).

This DVD replaces ASD v2.6 DVD

v2.6.0

The project size increased with the advent of Mac OS 10.4 exceeding the maximum size of a CD's 700Mb capacity. Therefore, this image must be burned to a DVD not a CD. This DVD DOES NOT replace ASD v2.5.8 CD.

Removed support for all machines except as listed below.

Added support for iBook G4 (12-inch Mid 2005) and iBook G4 (14-inch Mid 2005).

If you suspect your computer has a hardware problem, the information provided by Apple Service Diagnostic can help identify the problem. If Apple Service Diagnostic detects a problem, an error will be displayed. Please make a note of the error before proceeding further. If no hardware failure is detected, the problem may be software related.

Known Issues

* ASD 2.6.3 for PowerMac G5 (Late 2005) will not boot on the OS portion the DVD, only OF testing is supported. If you attempt to run Diagnostic (OS) from the system picker the system will hang while trying to boot into OS.

On some PowerBook G4s the cursor may seem sluggish when using the trackpad while running Open Firmware (OF) tests. Use a mouse attached to the USB port for normal cursor response.

While testing the Video RAM (Apple Service Diagnostic (OF) only) the screen display may appear blank or appear to be turned off for extended periods of time depending on how much Video RAM is installed. This is normal.

Recommendations

Apple Service Diagnostic is one of several tools and procedures you can use when your Macintosh is having trouble. Here are some steps you can follow to help resolve problems. Please back up your data before performing any of these steps.

1. Turn the computer off and on.

You can often eliminate problems by selecting the "Shut Down" option from the Apple () menu to fully shut down the CPU, then restart your system.

2. Check cables, peripherals, and user controls.

Shut down your computer. Then disconnect and reconnect all cables. Disconnect all peripherals (such as printers, scanners, cameras and external mass storage devices) to see if they are causing conflicts with your system. Adjust user controls on your monitors and other peripherals to see if this helps.

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