



August 7, 2007

About Apple Service Diagnostic (Dual Boot) DVD v3S116

Apple Service Diagnostic is distributed to Apple Service Providers. Apple Service Diagnostic DVD is designed to run both EFI and Mac OS X tests from a single DVD. Apple Service Diagnostic (EFI) 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.

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

With the DVD inserted restart the machine and hold down the D key as the computer boots up into EFI testing. After 20-30 seconds the computer will boot to the main screen of Apple Service Diagnostic for EFI testing. After running (EFI) diagnostic press the Restart button to restart the Mac. Press and hold down the C key while booting After 4-6 minutes the computer will boot to the main screen of Apple Service Diagnostic for Mac OS X testing. Once finished press the Shut Down or Restart button to quit.

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

What Changed

3S116 **REPLACES** 3S115

Added support for iMac (24-inch Mid 2007), iMac (20-inch Mid 2007), and Mac mini (Mid 2007).

ASD 3S116 DVD Supports the following products.

ASD 3S116 SUPPORTS THE FOLLOWING PRODUCTS.

MacBook (13-inch Mid 2007)
Mac Pro 8x
MacBook Pro (15-inch Core 2 Duo)
MacBook Pro (17-inch Core 2 Duo)
MacBook (Late 2006)
MacBook Pro (15-inch 2.4/2.2GHz)
MacBook Pro (17-inch 2.4GHz)
iMac (24-inch Mid 2007)
iMac (20-inch Mid 2007)
Mac mini (Mid 2007)

NOTE: 3S116 WILL BE ARCHIVED AUGUST 7, 2007.

ASD 3S108 SUPPORTS THE FOLLOWING PRODUCTS.

iMac (Early 2006 17-inch)
iMac (Early 2006 20-inch)
MacBook Pro
Mac mini (Early 2006)
MacBook Pro (17-inch)
MacBook (13-inch)
iMac (Mid 2006 17-inch)
Mac Pro
iMac (17-inch Late 2006)
iMac (24-inch)
iMac (17-inch Late 2006 CD)
iMac (20-inch late 2006)

Known Problems.

In EFI testing mode the menu items may not show up after launching the application. Click in the upper left region to get the menu items to appear.

If using a Color-Sync 20-inch display, AppleVision 850 Display, on a MacPro you may get a EDID checksum error in the OS EDID test. Connect the MacPro to a conventional DVI monitor or ignore this error since it is caused by going through multiple adapters to the 850 display.

Recommendations and test information

The EFI User Interactive test Hard Drive full scan test may take an hour or more to complete.

The OS the Stand Alone Memory test may take 20 to 60 minutes to complete depending on the amount of RAM installed.

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.

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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