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About Apple Service Diagnostic 3S132

Apple Service Diagnostic (ASD) is distributed to Apple Service Providers. The Apple Service Diagnostic application is designed to run both EFI and Mac OS X tests from an external USB hard drive. Apple Service Diagnostic (EFI) runs low-level tests of the hardware directly and does not require Mac OS X, while Apple Service Diagnostic (OS) uses Mac OS X to run tests.

Apple Service Diagnostic is no longer delivered as an image to be restored onto a DVD. ASD 3S117 and newer versions requires the image be installed onto an external USB hard drive. For more information, please refer to the document "Installing ASD on a USB hard drive".

Installing Apple Service Diagnostic on a USB hard drive
Please refer to the document "Installing ASD on a USB hard drive" included with this release.

Booting and using the Apple Service Diagnostic application
Before using Apple Service Diagnostic, disconnect any Ethernet network, USB, and audio cables.

With the USB hard drive containing ASD OS 3S132 and ASD EFI 3S132 plugged into a USB port, restart the computer and hold down the option key as the computer boots up into the Boot Picker. To run ASD (EFI) select the "ASD EFI 3S132" drive icon and press return or select it with a mouse click. To run ASD (OS) select the "ASD OS 3S132" drive icon and press return or select it with a mouse click. ASD (EFI) will load in 20-30 seconds; ASD (OS) will load in 1-2 minutes. After running ASD (OS) or ASD (EFI), press the Shut Down button to shut down the computer. Removed the USB drive.

Changes to 3S132

EFI user interface has been changed to better match the OS user interface. Those changes are listed in ASD User Guide.
Added support for new Macintosh releases listed below.
NOTE: ASD 3S132 replaces ASD 3S131 and ASD 3S132 will be archived.

ASD 3S132 supports the following machines

MacBook Air (Late 2008)
MacBook (13-inch, Aluminum, Late 2008)
MacBook Pro (15-inch, Late 2008)
MacBook (13-inch, Early 2009)
MacBook Pro (17-inch, Early 2009)
iMac (20-inch, Early 2009)
iMac (24-inch, Early 2009)
Mac Mini (Early 2009)
Mac Pro (Early 2009)
iMac (20-inch, Mid 2009)
MacBook Air (Mid 2009)
MacBook (13-inch, Mid 2009)
MacBook Pro (13-inch, Mid 2009)
MacBook Pro (17-inch, Mid 2009)
MacBook Pro (15-inch, Mid 2009)
MacBook Pro (15-inch, 2.5.3GHz, Mid 2009)

Recommendations and Test Information

In ASD (EFI), the Hard Drive full scan test may take an hour or more to complete.

In ASD (OS), the Apple Simple 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 (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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