

Installation and setup

Refer to the Operating System specific User Guide for information on installation and setup.

Intel® Processor Diagnostic Tool Test System Requirements

Multiprocessors Systems

The Intel® Processor Diagnostic Tool is compatible with multiprocessor systems. It is essential that only one Intel® processor is tested at a time in this system configuration. Intel® Processor Diagnostic Tool does not support multiple processors inserted into a multiprocessor system configuration.

Motherboard & Processor

It is essential that the motherboard you use to test your processor is fully compatible with your Intel® processor. Consult your motherboard manufacturer's support to ensure the motherboard supports your processor. If you are using an Intel® Motherboard please use this utility [Intel® Processors and Boards Compatibility Tool](#)

Motherboard BIOS

It is essential that the motherboards BIOS is at the minimum BIOS revision specified to support your Intel® processor. Consult your motherboard manufacturer's support to ensure the BIOS revision is at the correct revision.

Motherboard Architecture

IPDT is only compatible with motherboards built using Intel® 32-bit Architecture.

Over-Clocking

Over-Clocking should be disabled while running Intel® Processor Diagnostic Tool.

Power Management

Some power management features (e.g. [Intel SpeedStep® technology](#)) throttle or reduce the operating frequency of components within the system. These types of power management features may result in very low tested frequency results. This does not mean that the processor is operating at degraded performance levels. It means that the enabled power management feature is optimizing the efficiency of the processor, either to save power or reduce heat within the system.

We recommend you disable any power management features such as Intel SpeedStep® technology and configure your system to its optimal power management settings, when running Intel® Processor Diagnostic Tool. For instructions on how to disable these power management features, please contact your system manufacturer.

Operating Systems

The Windows® version of the Intel® Processor Diagnostic Tool is compatible with the following operating systems:

- Windows 7® 32 Bit
- Windows Vista® 32 Bit
- Windows XP® Home/Professional 32 Bit
- Windows 2000® Professional/Server/Advanced Server 32 Bit
- Windows Server 2008® 32 Bit
- Windows Server 2003® Standard/Enterprise 32 Bit

Also, the following software must be installed:

- Microsoft® Visual C++ 2008 Runtime Libraries. Click [here](#) to download.
- Windows® Installer 3.1 Redistributable (v2). Click [here](#) to download.
- Microsoft® .NET Framework Version 2.0 Redistributable Package (x86). Click [here](#) to download.

The Linux Foundation version of the Intel® Processor Diagnostic Tool is compatible with the following operating systems:

Fedora® revision 12, 32 Bit

The Mac® OS version of the Intel® Processor Diagnostic Tool is compatible with the following operating systems:

- Leopard® revision 10.5
- Tiger® revision 10.4

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