

Available Windows Diagnostics

February 9, 2010

A comprehensive list of supported PC-Doctor computer diagnostics for the Windows operating system. PC-Doctor supports the following tests for all versions of Windows:

1 Audio Tests

- Audio Test
 - Rough Audio Test
- Sound Test
 - Sound Interactive Test
 - 3D Sound Test
 - Playback Mixer State Test

2 Communications Tests

- Signal Strength Test
 - Signal Strength Test
- Bluetooth Test
 - Bluetooth Test
- Gemtek WLAN Test
 - Network Test
- GPS Test
 - GPS Communication Test
 - GPS Lock Test
 - GPS Location Test
- Lite-On Wireless Test
 - Network Test
- Modem Test
 - Dial Tone Test
 - Modem Loopback Test
 - Fax Command Test
 - Last Call Test
 - Simple Connection Test

- Modem Self Testing Loopback Test
- Network Test
 - Local Network Communication Test
 - TCP/IP Internal Loopback Test
 - Network Link Test
 - Network External Loopback Test
 - Network Cable Test
 - Wireless Signal Strength Test
 - Wireless Connectivity Test
 - Internet Communication Test
 - Data Transfer Verification Test
- Parallel Port Test
 - Internal Read and Write Test
 - External Read and Write Test
- Realtek Network Test
 - Register Test
 - EEPROM Test
 - Loopback Test
 - External Loopback Test
- Serial Port Test
 - External Register Test
 - External Loopback Test
 - Internal Register Test
 - Internal Control Signals Test
 - Internal Send and Receive Test
- Network Test
 - Marvell Virtual Cable Test

3 Other Devices Tests

- Battery Test
 - Battery Life Test
 - Battery Charge Test
- CUDA Tests
 - Advanced Mathematical Operations Test
 - Standard Mathematical Operations
 - Pattern Test
 - Memory Fault Test
 - Address Fault Test
 - Address Test

- Moving Inversion Test
- Random Number Sequence Test
- Modulo X Test
- Block Move Test
- Digitizer Stylus Test
 - Digitizer Stylus Test
- Gemtek WLAN Test
 - Card Enable Test
 - Card Insertion Test
 - Driver Install Test
- Joystick Test
 - Joystick Interactive Test
- Keyboard Test
 - Keyboard Interactive Test
 - Keyboard Layout Test
 - Media Center Keyboard Test
 - Simple Keyboard Test
- Battery Test
 - Battery Status
 - Power Manager Configuration
- Lite-On Wireless Test
 - Card Insertion Test
 - Driver Install Test
 - Card Enable Test
- Optical Media Checker
 - Media Checker Test
- Microphone Test
 - Microphone Interactive Test
- Mouse Interactive Test
 - Mouse Interactive Test
 - Touchpad Test
 - TrackPoint Test
- PC Card Test
 - PCMCIA Status Test
 - CardBus Status Test
- Pixela Test
 - Driver Communication Test

- Printer Test
 - Printer Interactive Test
- ReadyBoost Test
 - ReadyBoost Test
- Video Capture Device Test
 - FM Radio Test
- USB Test
 - USB Status Test
- USB Loopback Test
 - USB Port Test

4 Storage Tests

- Blu-ray Drive Test
 - Blu-ray Funnel Seek Test
 - Blu-ray Linear Read Compare Test
 - Blu-ray Linear Seek Test
 - Blu-ray Random Seek Test
 - Blu-ray Checksum Test
- BD-RE Drive Test
 - BD-RE Read Write Test
- Card Reader Test
 - Scan Test
 - Pattern Test
- CD Drive Test
 - CD Linear Seek Test
 - CD Random Seek Test
 - CD Funnel Seek Test
 - CD Linear Read Compare Test
 - CD Audio Test
 - CD Checksum Test
- CD-R Drive Test
 - CD-R Read Write Test
- CD-RW Drive Test
 - CD-RW Read Write Test
 - Driver Filter Test
- DVD Drive Test

- DVD Linear Seek Test
- DVD Random Seek Test
- DVD Funnel Seek Test
- DVD Linear Read Compare Test
- DVD Checksum Test
- DVD-R Drive Test
 - DVD–R Read Write Test
- DVD-R DL Drive Test
 - DVD–R DL Read Write Test
- DVD-RW Drive Test
 - DVD–RW Read Write Test
- DVD+R Drive Test
 - DVD+R Read Write Test
- DVD+R DL Drive Test
 - DVD+R DL Read Write Test
- DVD+RW Drive Test
 - DVD+RW Read Write Test
- DVD-RAM Test
 - DVD–RAM Linear Seek Test
 - DVD–RAM Random Seek Test
 - DVD–RAM Funnel Seek Test
 - DVD–RAM Surface Scan Test
 - DVD–RAM Pattern Test
- Floppy Test
 - Linear Seek Test
 - Random Seek Test
 - Funnel Seek Test
 - Surface Scan Test
 - Pattern Test
- Hard Drive Test
 - Linear Seek Test
 - Random Seek Test
 - Funnel Seek Test
 - Surface Scan Test
 - Pattern Test
 - Cache Test
 - Checksum Test
 - Targeted Read Test

- HD DVD Drive Test
 - HD–DVD Funnel Seek Test
 - HD–DVD Linear Read Compare Test
 - HD–DVD Linear Seek Test
 - HD–DVD Random Seek Test
 - HD–DVD Checksum Test
- LS Drive Test
 - Linear Seek Test
 - Random Seek Test
 - Funnel Seek Test
 - Surface Scan Test
 - Pattern Test
- Optical Drive Self-Test
 - OPU Test
 - DRAM Test
 - Main IC Test
 - Flash ROM Test
 - Tray In Test
 - Tray Out Test
 - Spindle Test
- SMART Test
 - SMART Log Scan Test
 - SMART Status Test
 - SMART Conveyance Self Test
 - SMART Extended Self Test
 - SMART Short Self Test
 - SMART Attributes Test
 - SMART Thresholds Test
 - SMART Log Read Test
 - SMART Selective Self Test
 - General Purpose Log Read Test
- Tape Drive Test
 - Linear Seek Test
 - Backup Test
- ZIP Drive Test
 - Linear Seek Test
 - Random Seek Test
 - Funnel Seek Test
 - Surface Scan Test
 - Pattern Test

5 System Tests

- IEEE 1394 Test
 - 1394 Bus Reset Test
 - 1394 Config ROM Test
- CMOS Test
 - Checksum Test
 - Pattern Test
- CPU Test
 - Register Test
 - Level 2 Cache Test
 - Math Register Test
 - MMX Test
 - SSE Test
 - SSE2 Test
 - Stress Test
 - Multicore Test
 - SSE3 Test
 - SSSE3 Test
 - SSE4.1 Test
 - SSE4A Test
 - SSE4.2 Test
- Memory Test
 - Pattern Test
 - Advanced Pattern Test
 - Auxiliary Pattern Test
 - Bit Low Test
 - Bit High Test
 - Checkerboard Test
 - Walking One Left Test
 - Walking One Right Test
 - Address Test
 - Nibble Move Test
 - Modulo20 Test
 - Moving Inversion Test
 - Windows Memory Test
- PCI Test
 - Configuration Test
- PCI Express Test
 - PCI Express Status Test

- Power State Test
 - Standby Test
 - Hibernation Test
- SMBIOS Test
 - Standards Test
- System Board Test
 - RTC Rollover Test
 - RTC Accuracy Test

6 Video Tests

- ATI Video Test
 - Color Line Test
 - Frame Buffer Blit Test
 - Lane Order Test
 - Lane Width Test
 - Non-Snooped Blit Test
 - Snooped Blit Test
 - Video Memory Test
- 2D/3D Video Test
 - Video Memory Test
 - Wireframe Line Test
 - Fixed Transformation and Lighting Test
 - Transformation and Lighting Stress Test
 - Wireframe Stress Test
 - GPU Pipeline Data Test
 - Local Video Memory Test
 - Non-Local Video Memory Test
 - Primary Surface Test
 - Shader Rendering Test
 - Wireframe Shader Rendering Test
 - Shader Rendering DX10 Stress Test
 - Shader Rendering DX10 Test
 - Thermal Cycle Test
 - Multiple Rendering DX9 Test
 - Shader Rendering DX11 Test
- Ambient Light Test
 - Ambient Light Test
- Avermedia Test
 - Avermedia Test

- AVI Test
 - AVI Interactive Test
- Monitor Test
 - Monitor Interactive Test
- Screen Health Test
 - Screen Health Test
 - Service Check Test
- Touch Screen Test
 - Touch Screen Coverage Test
 - Touch Screen Calibration Test
 - Multi-touch Test
- Video Capture Device Test
 - Digital TV Signal Test
 - TV Signal Test
 - Capture To Screen Test
 - Capture To File Test
 - Clear QAM Digital Tuner Signal Test
- Web Camera Test
 - Capture To File Test
 - Capture To Screen Test