

Available Windows Diagnostics

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:

Audio

- Audio Test
 - Rough Audio Test
- Microphone Interactive Test
- Sound Interactive Test
 - 3-D Sound
 - Internal Speaker
 - MIDI Playback
 - Speakers

Video

- 2-D/3-D Video Test
 - Fixed Transformation and Lighting Test
 - Local Video Memory Test
 - Primary Surface Test
 - Shared Non-local Memory Test
 - Video Memory Test
 - Wireframe Line Test
- ATI PCI Express Video Test
 - Color Line Test
 - Frame Buffer Blit Test
 - PCIe Config Read/Write Test
 - PCIe Lane Order Test
 - PCIe Lane Width Test
 - Video Memory Test
- AVI Interactive Test
- Monitor Interactive Test
 - Combination Test
 - Solid Color Test
 - VESA Test Patterns
- Touch Screen Test
 - Screen Health Test
- TV Tuner Test
 - Capture To File Test
 - Capture To Screen Test
 - Digital TV Signal Test

- FM Radio Test
- TV Signal Test

Storage

- Card Reader Test
 - Patterns Test
 - Scan Test
- CD Drive Test
 - CD Audio Test
 - Funnel Seek Test
 - Linear Read Compare Test
 - Linear Seek Test
 - Random Seek Test
- CD-R Drive Test
 - Read Write Test
- CD-RW Drive Test
 - Read Write Test
- DVD Drive Test
 - Funnel Seek Test
 - Linear Read Compare Test
 - Linear Seek Test
 - Random Seek Test
- DVD+R Drive Test
 - Read Write Test
- DVD-R Drive Test
 - Read Write Test
- DVD-RAM Drive Test
 - Funnel Seek
 - Linear Seek
 - Pattern Test
 - Random Seek Test
 - Surface Scan Test
- DVD+RW Drive Test
 - Read Write Test
- DVD-RW Drive Test
 - Read Write Test
- Floppy Drive Test
 - Funnel Seek Test
 - Linear Seek Test

- Pattern Test
- Random Seek Test
- Surface Scan Test
- Hard Drive Test
 - Cache Test
 - Funnel Seek Test
 - Linear Seek Test
 - Pattern Test
 - Random Seek Test
 - Surface Scan Test
- HD DVD Drive Test
 - Funnel Seek Test
 - Linear Read Compare Test
 - Linear Seek Test
 - Random Seek Test
- LS Drive Test
 - Funnel Seek Test
 - Linear Seek Test
 - Pattern Test
 - Random Seek Test
 - Surface Scan Test
- SMART Test
 - Conveyance Self Test
 - Extended Self Test
 - Short Self Test
 - Status Test
- Tape Drive Test
 - Backup Test
 - Linear Seek Test
- Zip Drive Test
 - Funnel Seek Test
 - Linear Seek Test
 - Pattern Test
 - Random Seek Test
 - Surface Scan Test

Communications

- ADSL Modem Test
 - Configuration Test
 - Connectivity Test
- Arcadyan Wireless Network Card Test
- Gemtek Wireless Network Card Test

- Card Enable Test
- Card Insertion Test
- Driver Install Test
- Network Test
- Modem Test
 - Dial Tone Test
 - Fax Command Test
 - Last Call Test
 - Modem Loopback Test
 - Modem Self-testing Loopback Test
 - Simple Connection Test
- Network Test
 - Network Cable Test
 - Network External Loopback Test
 - Network Link Test
 - TCP/IP Internal Loopback Test
 - TCP/IP Network Communication Test
 - Wireless Connectivity Test
 - Wireless Signal Strength Test
- Realtek Network Card Test
 - EEPROM Test
 - Internal Loopback Test
 - Register Test
- Virtual Cable Test
- WN5401A Wireless Network Card Test
 - Card Enable Test
 - Card Insertion Test
 - Driver Install Test
 - Network Test

Other Devices

- Joystick Interactive Test
 - Axes Test
 - Buttons Test
 - Point of View Test
- Keyboard Interactive Test
- Mouse Interactive Test
 - Drag and Drop Test
 - Double-click Test
 - Mouse Status Test
- Printer Interactive Test
- Wireless Keyboard Test
- Wireless Mouse Test

System

- 1394 Test
 - 1394 Bus Reset Test
 - 1394 Config ROM Test
- AMD CPU Test
 - AMD FPU Test
 - AMD MMX Test
 - AMD SSE Test
- Battery Test
 - Battery Life Test
 - Battery Presence Test
- CMOS Test
 - Checksum Test
 - Pattern Test
- CPU Test
 - Level 2 Cache Test
 - Math Register Test
 - MMX Test
 - Register Test
 - SSE Test
 - SSE2 Test
 - SSE3 Test
 - SSSE3 Test
- Memory Test
 - Address Test
 - Advanced Pattern Test
 - Auxiliary Pattern Test
 - Bit High Test
 - Bit Low Test
 - Checkerboard Test
 - Modulo20 Test
 - Moving Inversion Test
 - Nibble Move Test
 - Pattern Test
 - Walking One Left Test
 - Walking One Right Test
 - Windows Memory Test
- Parallel Port Test
 - External Read and Write Test
 - Internal Read and Write Test
- PC Card Test
 - Status Test

- PCI Test
 - Config Test
- PCI Express Test
 - Status Test
- SCSI Test
 - Extended Self-Test
 - Self-diagnostic Test
 - Short Self-Test
 - Status Test
- Serial Port Test
 - External Loopback Test
 - External Register Test
 - Internal Control Signals Test
 - Internal Register Test
 - Internal Send and Receive Test
- Systemboard Test
 - RTC Accuracy Test
 - RTC Rollover Test
- USB Test
 - Status Test
- USB Port Test

Available DOS Diagnostics

A comprehensive list of supported PC-Doctor computer diagnostics for the DOS operating system.

PC-Doctor supports the following tests for the DOS operating system:

Video Diagnostics

- Video Adapter Tests
 - AGP Test
 - PCI Express Test
 - VESA Full Video Memory Test
 - VGA Color-DAC Registers Test
 - VGA Controller Registers Test
 - Video Memory Test
 - Video Pages Test

Storage Diagnostics

- Diskette Tests
 - Funnel Seek
 - Hi-Low Seek Test
 - Linear Verify Test
 - Linear Write/Read Test
 - Linear Write/Random Read Test
 - Random Seek Test
 - Random Verify Test
 - Track To Track Seek
- Fixed Disk Tests
 - Controller Test
 - Drive Cache Test
 - Full Surface Read Test
 - Funnel Seek Test
 - Inner/Outer Surface Read Test
 - Hi-Low Seek Test
 - Linear Verify Test
 - Random Seek Test
 - Random Verify Test
 - SMART Conveyance Test
 - SMART Self-Test Long
 - SMART Self-Test Short
 - SMART Status Check Test
 - Spin Down/Spin Up Test
 - Track To Track Seek Test
 - Write/Read Test
- LS-120/240 Drive Tests
 - Controller Test

- Eject Disk Test
- Funnel Seek Test
- Hi-Low Seek Test
- Linear Verify Test
- Random Seek Test
- Random Verify Test
- Track To Track Seek Test

- Optical Drive Scan Tests
 - Funnel Seek Test
 - Linear Seek Test
 - Random Seek Test

- Optical Drive Write Tests
 - CD-RW Drive Test
 - DVD-RW Drive Test
 - DVD+RW Drive Test
 - DVD-RAM Drive Test

- SCSI Fixed Disk Tests
 - Controller Test
 - Funnel Seek Test
 - Hi-Low Seek Test
 - Linear Verify Test
 - Random Seek Test
 - Random Verify Test
 - Read Surface Scan Test
 - Track To Track Seek Test
 - Write Surface Scan Test

- Zip Drive Tests
 - Controller Test
 - Eject Disk Test
 - Funnel Seek Test
 - Hi-Low Seek Test
 - Linear Verify Test
 - Random Verify Test
 - Random Seek Test
 - Track To Track Seek Test

System Diagnostics

- CPU/Coprocessor Tests
 - CoProc Arithmetics Test
 - CoProc Commands Test
 - CoProc Cyrix/IIT Test
 - CoProc Exceptions Test
 - CoProc Registers Test
 - CoProc Transcendental Test
 - CPU Arithmetics Test

- CPU Buffers/Cache Test
- CPU C&T/Cyrix Specific Test
- CPU Interrupts/Exceptions Test
- CPU Logical Operations Test
- CPU Misc Operations Test
- CPU Registers Test
- CPU String Operations Test
- MMX Test
- Memory Tests
 - Advanced Pattern Test
 - Bus Throughput Test
 - Code Test
 - Fast Address Test
 - Fast Pattern Test
 - Heavy Address Test
 - Heavy Pattern Test
 - Medium Address Test
 - Medium Pattern Test
- Parallel Port Tests
 - Command And Data Port Test
 - External Loopback And IRQ Test
- Serial Port Tests
 - External Loopback Test
 - FIFO Buffers Test
 - Internal Loopback Test
 - Registers And Interrupts Test
- Systemboard Tests
 - BIOS Timer Test
 - CMOS RAM Test
 - DMA Channels Test
 - External Cache Test
 - IEEE1394 Controller Test
 - IRQ Controller Test
 - Joystick External Loop Test
 - Keyboard Test
 - PCI Test
 - PCMCIA Test
 - RAM Refresh Test
 - RTC Clock Test
 - System Timer Test
 - USB Port Test
 - USB Port External Loop Test

Interactive Diagnostics

- Diskette Change Signal Test

- Diskette Write Protect Test
- Internal Speaker Test
- Joystick Test
- Keyboard Keys Test
- Keyboard LEDs Test
- Keyboard Repeat Test
- LCD Panel Test
- Maximum System Load Test
- Mouse Test
- Optical Drive Capabilities Test
- Optical Drive Eject Test
- Optical Drive Funnel Scan Test
- Optical Drive Insert Test
- Optical Drive Linear Scan Test
- Optical Drive Random Scan Test
- Optical Drive Reset Test
- Printer Test Test
- SCSI Devices Test
- Stereo Speaker Test
- USB Loopback Test
- Video Character Set Test
- Video Color Palette Test
- Video Monitor Quality Test

Miscellaneous Diagnostics

- SoundBlaster Test
- CAS Diagnostic Test
- Stacker Test
- HiFD Drive Test
- Jazz Drive Test
- SCSI Test
- Year 2000 Test
- DIMM/RIMM EEPROM ID Test
- SMBUS Test
- Hardware Monitoring Test
- Temperature Monitoring Test
- Inventory Test
- Modem Test
- Network Test

Available Linux Diagnostics

A comprehensive list of supported PC-Doctor computer diagnostics for the Linux operating system.

PC-Doctor supports the following tests for most versions of Linux (contact a PC-Doctor representative to discuss kernel support):

Audio

- Sound Module
 - Surround Sound Test
- WAV Module
 - Microphone Recording Test
 - Wave Test Both
 - Wave Test Left
 - Wave Test Right

Video

- 2-D/3-D Video Module
 - Video Data Test
 - Video Memory Test
 - Video Text Test
- AGP Module
 - Configuration Test
- Frame Buffer Module
 - Frame Buffer Data Test
 - Frame Buffer Memory Test
 - Frame Buffer Text Test

Storage

- Card Reader Module
 - Pattern Test
 - Scan Test
- CD Drive Module
 - CD Audio Test
 - CD Data Test
 - Funnel Seek Test
 - Linear Read Compare Test
 - Linear Seek Test
 - Random Seek Test
- CD-RW Drive Module
 - Read Write Test

- DVD Drive Module
 - Funnel Seek Test
 - Linear Read Compare Test
 - Linear Seek Test
 - Random Seek Test
- DVD-RAM Drive Module
 - Funnel Seek Test
 - Linear Read Compare Test
 - Linear Seek Test
 - Pattern Test
 - Random Seek Test
- DVD+RW Drive Module
 - Read Write Test
- DVD-RW Drive Module
 - Read Write Test
- Floppy Drive Module
 - Funnel Seek Test
 - Linear Seek Test
 - Pattern Test
 - Random Seek Test
 - Surface Scan Test
- Hard Drive Module
 - Funnel Seek Test
 - Linear Seek Test
 - Pattern Test
 - Random Seek Test
 - Surface Scan Test
- LS Drive Module
 - Funnel Seek Test
 - Linear Seek Test
 - Pattern Test
 - Random Seek Test
 - Surface Scan Test
- SMART Module
 - Extended Self Test
 - Short Self Test
 - Status Test
- Tape Drive Module
 - Backup Tape Test
 - Linear Read Tape Test
- Zip Drive Module

- Funnel Seek Test
- Linear Seek Test
- Pattern Test
- Random Seek Test
- Surface Scan Test

Communications

- Modem Module
 - Dial Tone Test
 - Fax Command Test
 - Modem Specific Test
- Network Module
 - ICMP Network Communications Test
 - Network Connectivity Test
 - Network External Loopback Test
 - Network Offline Self Test
 - Network Online Self Test
 - Wireless Config Test

Other Devices

- Keyboard Module
 - Key Test
- Mouse Module
 - Mouse Test
- Printer Module
 - Printer Test

System

- CMOS Module
 - Checksum Test
 - Pattern Test
- CPU Module
 - Cache Test
 - Math Register Test
 - MMX Test
 - Register Test
 - SSE Test
 - SSE2 Test
 - SSE3 Test
- Memory Module
 - Advanced Pattern Test

- Pattern Test
- Parallel Port Module
 - External Read and Write Test
 - Internal Read and Write Test
- PC Card Module
 - Card Status Test
 - Socket Test
- PCI Module
 - Config Test
- SCSI Module
 - Extended Self-Test
 - Self-diagnostic Test
 - Short Self-Test
- Serial Port Module
 - External Loopback Test
 - External Register Test
 - Internal Control Signals Test
 - Internal Register Test
 - Internal Send and Receive Test
- Systemboard Module
 - RTC Accuracy Test
 - RTC Accuracy IRQ Test
 - RTC Rollover Test
- USB Module
 - USB Devices Test