

Available DOS Diagnostics

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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:

CPU/COPROCESSOR

- CPU Registers
- CPU Arithmetics
- CPU Logical Operations
- CPU String Operations
- CPU Misc Operations
- CPU Interrupts/Exceptions
- CPU Buffers/Cache
- CoProc Registers
- CoProc Commands
- CoProc Arithmetics
- CoProc Transcendental
- CoProc Exceptions
- MMX Test
- SSE
- SSE2
- SSE3
- SSSE3
- SSE4.1
- SSE4.2
- SSE4A

SYSTEM MEMORY

- Memory Fault Test
- Address Fault Test
- Random Pattern Test
- Short Advanced Pattern Test
- Extended Advanced Pattern Test

SYSTEM BOARD

- System Timer
- BIOS Timer
- IRQ Controller
- DMA Channels
- RAM Refresh
- RTC Clock
- CMOS RAM
- Keyboard
- External Cache
- PCI
- PCMCIA
- USB Port
- USB Port External Loop
- IEEE1394 Controller

VIDEO ADAPTER

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

SERIAL PORT

- Registers And Interrupts
- Internal Loopback
- External Loopback
- FIFO Buffers (16550A)

PARALLEL PORT

- Command And Data Port
- External Loopback And IRQ

FIXED DISK

- Controller
- Hi-Low Seek
- Funnel Seek
- Track To Track Seek
- Random Seek
- Linear Verify
- Random Verify
- SMART Status Check
- SMART Self-Test Short
- SMART Self-Test Long
- SMART Conveyance Test
- SMART Attribute Check
- Inner/Outer Surface Read
- Read Surface Scan
- Write Surface Scan
- Write/Read Compare Scan
- Drive Cache Test
- Drive Interface Test
- Spin Down/Spin Up Test

DISKETTE

- Hi-Low Seek
- Funnel Seek
- Track To Track Seek
- Random Seek
- Linear Verify
- Random Verify
- Linear Write/Read
- Linear Write/Random Read

MISCELLANEOUS

- SoundBlaster
- CAS Diagnostic

- SCSI
- DIMM/RIMM EEPROM ID
- SMBUS
- Modem
- Intel Network
- Intel Network Link
- Intel AMT Test

ZIP DRIVE

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

SCSI FIXED DISK

- Controller
- Hi-Low Seek
- Funnel Seek
- Track To Track Seek
- Random Seek
- Linear Verify
- Random Verify
- Read Surface Scan
- Write Surface Scan

OPTICAL DRIVE WRITE

- CD-RW Drive
- DVD-RW Drive
- DVD+RW Drive
- DVD-RAM Drive
- HD DVD-RAM Drive
- BD-RE Drive

OPTICAL DRIVE SCAN

- Insert Media
- Linear Seek
- Random Seek
- Funnel Seek
- Remove Media Test

INTERACTIVE TESTS

- Keyboard
- Video
- Internal Speaker
- Mouse
- Joystick Test
- Diskette
- System Load

- Printer Test
- SCSI Test
- Optical Drive Test
- Stereo Speaker
- LCD Panel Test
- USB Loopback Test

HARDWARE INFORMATION

- System Configuration
- Memory Contents
- IRQ and DMA Use
- Device Drivers
- COM and LPT Ports
- Physical Disk Drives
- Logical Disk Drives
- VGA Information
- Software Interrupts
- SCSI Devices
- I/O Use
- IDE Drive Info
- Network Information
- PCMCIA Information
- PCI Information
- SMP Information
- PNPISA Info
- SMBIOS Info
- DIMM/RIMM Info
- USB Info

UTILITIES

- Run External Tests
- Edit CMOS RAM
- File Editor
- Benchmark System
- DOS Shell
- Terminal
- Memory Debugger
- Tech Support Form
- Battery Rundown
- Erase Drive Contents
- View SMART Logs
- View PCDR Host Log