

# 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:

## 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