

# PC-Doctor for Windows Test List

## Storage

- **Hard Drive**
  - Linear Seek
  - Random Seek
  - Funnel Seek
  - Linear Read
  - Pattern
  - Cache
  - Targeted Read
- **Solid State Drive**
  - Linear Read
  - Pattern
  - Random Seek
  - Wear Level
  - NVDIMM Status
  - NVMe Status
  - NVME Wear Level
  - Read Speed
  - Write Speed
  - SCSI Wear Level
  - Targeted Read
  - SMART Wear Level Test
- **Blu-Ray Drive**
  - Funnel Seek
  - Linear Read Compare
  - Linear Seek
  - Random Seek
  - Read Performance
- **BD-R Drive**
  - Read/Write
- **BD-RE Drive**
  - Read/Write
- **Removable Storage**
  - Pattern
  - Linear Read
- **CD-ROM Drive**
  - CD Audio
  - Funnel Seek
  - Linear Read Compare
  - Linear Seek
  - Random Seek
- **CD-R Drive**
  - Read/Write
- **CD-RW**
  - Read/Write
- **DVD Drive**
  - Funnel Seek
  - Linear Read Compare
  - Linear Seek
  - Random Seek
  - Read Performance
- **DVD+R DL Drive**
  - Read/Write
- **DVD-R DL Drive**
  - Read/Write
- **DVD+R Drive**
  - Read/Write
- **DVD-R Drive**
  - Read/Write
- **DVD-RW Drive**
  - Read/Write
- **DVD+RW Drive**
  - Read/Write
- **OBIST**
  - DRAM
  - Flash ROM
  - Main IC
  - Opu
  - Spindle
  - Tray In
  - Tray Out
- **HD DVD Drive**
  - Funnel Seek

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- Linear Read Compare
- Linear Seek
- Random Seek
- Read Performance
- **SCSI Command Set**
  - Self-Test
  - Background Short Self-Test
  - Background Extended Self-Test
- **SMART**
  - Conveyance Self-Test
  - Extended Self-Test
  - Short Self-Test
  - Status
  - Thresholds
  - General Purpose Log Reader
  - Attributes
  - Log Reader
  - Selective Self-Test
- SSSE3
- SSE4A
- SSE4.1
- SSE4.2
- AVX
- AVX2
- Stress
- Floating Point Unit
- Prime Number Generation

## System

- **Memory**
  - Address
  - Advanced Pattern
  - Auxiliary Pattern
  - Bit High
  - Bit Low
  - Checkerboard
  - Modulo20
  - Moving Inversion
  - Nibble Move
  - Walking One Left
  - Walking One Right
  - Windows Memory
- **CPU**
  - Level 2 Cache
  - Math Register
  - MMX
  - Register
  - SSE
  - SSE2
  - SSE3
- **Battery**
  - Battery Life Test
  - Battery AC Test
  - Battery Charge Test
- **PCI**
  - Configuration
- **PCI Express**
  - Status
- **PCMCIA Bridge**
  - Status
- **CardBus Bridge**
  - Status
- **IEEE 1394PCI**
  - Bus Reset
  - Config ROM
- **USB**
  - Status
  - Connection Speed Verification
  - Storage Performance
- **USB Ports**
  - Status
- **CMOS**
  - Checksum
  - Pattern
- **System Board**
  - RTC Accuracy
  - RTC Rollover
- **Standby/Hibernate**
  - Standby Test
  - Hibernate Test
  - Simple Standby
  - Simple Modern Standby

## PC-Doctor for Windows Test List

- Simple Hibernate
- **Serial Port**
  - External Loopback
  - External Register
  - Internal Control Signals
  - Internal Register
  - Internal Send and Receive
- **Parallel Port**
  - External Read and Write
  - Internal Read and Write
- **Lid Closure**
  - Lid Closure Interactive Test
- **Smart Card**
  - APDU Test
  - Answer to Reset (ATR)
  - Attributes
- **AlienFX LED Verification**
  - AlienFX LED Verification Interactive

## Audio

- **Microphone**
  - Microphone Interactive
  - Integrated Microphone
  - Frequency Tone
- **Sound Card**
  - Rough Audio
  - Playback Mixer State
  - Sound Interactive
  - 3D Sound Test

## Communications

- **Bluetooth**
  - Bluetooth Test
  - Data Transfer Test
  - Bluetooth Detection Test
- **Network Card**
  - Network Cable Test
  - External Loopback
  - Network Link

- TCP/IP Internal Loopback
- Local Network Communication
- Wireless Connectivity
- Wireless Signal Strength
- Data Transfer Verification
- **Intel NIC Network Access Layer**
  - Intel NIC EEPROM
  - Intel NIC FIFO
  - Intel NIC Interrupt
  - Intel NIC Register
  - Intel NIC Combination Test
- **Near Field Communications (NFC)**
  - NFC Read
  - NFC Write
- **Antenna**
  - Antenna Diversity
  - Wireless Signal Strength Verification
- **Mobile Broadband**
  - Connectivity
  - Signal Strength
- **Modem**
  - Dial Tone
  - Fax Command
  - Last Call
  - Modem Loopback
  - Modem Self Testing Loopback

## Video

- **Video Card**
  - Multiple Rendering DX9
  - Shader Rendering DX10
  - Shader Rendering DX11
  - Shader Rendering DX12
  - Wireframe Shader Rendering
  - Shader Rendering
  - GPU Pipeline Data
  - Transform and Lighting Pipeline Stress
  - Transform and Lighting Pipeline Wireframe Stress
  - Fixed Transform and Lighting Pipeline

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- Fixed Transform and Lighting Pipeline
- Wireframe
- Primary Surface
- Thermal Cycle
- Video Memory
- AMD Free Sync
- SLI
- Stereo 3D Rendering
- **CUDA**
  - Standard Mathematical Operations
  - Advanced Mathematical Operations
  - Pattern Test
  - Address Fault
  - Memory Fault
  - Address Test
  - Moving Inversion
  - Block Move
  - Random Number Sequence
  - ModuloX
- **Video Ports**
  - Video Ports Interactive
  - Video Ports Validation
- **Multi-Media**
  - Video Interactive
- **TV Tuner**
  - TV Signal
  - Capture to Screen
  - Capture to File
  - FM Radio
  - Digital TV Signal
  - Clear QAM Digital Tuner Signal
- **RealSense**
  - Interactive RealSense Detection
- **Biometric Camera**
  - Face Detection
- **Webcam**
  - Capture to Screen
  - Capture to File
  - Edge Detection
  - Luminance Depth
  - RGB Channel
  - RGB Color Depth

- RGB Line Amplifier
- RGB Line Driver
- RGB Pixel

- **AVI**
  - AVI Interactive
- **Monitor**
  - Monitor Interactive
  - EDID Checksum
  - EDID Verification
- **Touchscreen**
  - Calibration
  - Coverage
  - Multi-touch

## Sensors

- **GPS**
  - Communication
  - Location
  - Lock
  - GPS Interactive
- **Gyrometer**
  - Gyrometer
- **Ambient Light**
  - Ambient Light Sensor
- **Accelerometer**
  - Accelerometer
- **Magnetometer**
  - Magnetometer
- **Fingerprint Reader**
  - Sensor Status
  - Swipe

## External Devices

- **Keyboard**
  - Keyboard Interactive
  - Keyboard Layout
  - Keyboard LED
- **Mouse**
  - Mouse Interactive

## PC-Doctor for Windows Test List

- **Touchpad**
  - Touchpad Interactive
- **Trackpoint**
  - Trackpoint Interactive
- **Printer**
  - Printer Interactive
- **Digitizer**
  - Digitizer Corners
  - Digitizer Pressure
  - Stylus Barrell Switch
  - Stylus Erasure
- **Joystick**
  - Joystick
- **Eye Tracker**
  - Composite Eye Tracking

## Utilities

- **Inventory**
  - Parts Test
- **Drive Erase**
  - ATA Enhanced Secure Erase
  - ATA Sanitize Block Erase
  - ATA Sanitize Crypto Erase
  - ATA Sanitize Overwrite
  - ATA Secure Erase
  - Drive Wipe
  - NVMe Format
  - NVMe Secure Erase
  - SCSI Sanitize Block Erase
  - SCSI Sanitize Crypto Erase
  - SCSI Sanitize Overwrite

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