

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

PC-Doctor for Windows Test List

- 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
 - TPM Self-Test
- **Standby/Hibernate**
 - Standby Test
 - Hibernate Test
 - Simple Standby

PC-Doctor for Windows Test List

- Simple Modern Standby
- 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**
 - AlienFX 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
- Network Link Speed Switch
- **Intel NIC Network Access Layer**
 - Intel NIC EEPROM
 - Intel NIC FIFO
 - Intel NIC Interrupt
 - Intel NIC Register
 - Intel NIC Combination Test
 - Intel DMA Coalescing
 - Intel EEE
 - Intel FCoE Transmit Receive
 - Intel Flash Security
 - Intel Hardware Alarm
 - Intel IP Security TSO
 - Intel IP Security
 - Intel MSIX Interrupt
 - Intel Single Queue QAV Bandwidth
 - Intel Queue QAV Bandwidth
 - Intel Constant Time QAV Fetch
 - Intel QAV Priority
 - Intel Wakeup Filters
 - Intel SCTP Receive CRC Offload
 - Intel SCTP Transmit CRC Offload
 - Intel Shadow RAM
- **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

PC-Doctor for Windows Test List

- 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
 - Fixed Transform and Lighting Pipeline Wireframe
 - Primary Surface
 - Thermal Cycle
 - Video Memory
 - AMD Free Sync
 - SLI
 - Stereo 3D Rendering
 - NVIDIA G-Sync
 - DXR Stress
- **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**
 - 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
 - RBG Color Depth
 - RBG 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**

PC-Doctor for Windows Test List

- Accelerometer
- **Magnetometer**
 - Magnetometer
- **Fingerprint Reader**
 - Sensor Status
 - Swipe
- **Proximity Sensor**
- ATA Secure Erase
- Drive Wipe
- NVMe Format
- NVMe Secure Erase
- SCSI Sanitize Block Erase
- SCSI Sanitize Crypto Erase
- SCSI Sanitize Overwrite

External Devices

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

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Utilities

- **Inventory**
 - Parts Test
- **Drive Erase**
 - ATA Enhanced Secure Erase
 - ATA Sanitize Block Erase
 - ATA Sanitize Crypto Erase
 - ATA Sanitize Overwrite