

Toolbox for Windows Test List

Storage

- **Hard Drive**
 - Linear Seek
 - Random Seek
 - Funnel Seek
 - Targeted Read
 - Conveyance Self-Test
 - Extended Self-Test
 - Short Self-Test
 - Status
 - Thresholds
- **Solid State Drive**
 - Linear Read
 - Random Seek
 - Wear Level
 - Targeted Read
 - SMART Wear Level Test
 - Conveyance Self-Test
 - Extended Self-Test
 - Short Self-Test
 - Status
 - Thresholds
 - SCSI Wear Level
 - NVDIMM Status Test
- **NVMe Drive**
 - Status
 - Wear Level
- **Blu-Ray Drive**
 - Funnel Seek
 - Linear Read Compare
 - Linear Seek
 - Random Seek
- **BD-RE Drive**
 - Read/Write
- **Card Reader**
 - 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
- **DVD+R Drive**
 - Read/Write
- **DVD+RW Drive**
 - Read/Write
- **DVD+R DL Drive**
 - Read/Write
- **DVD-R Drive**
 - Read/Write
- **DVD-RW Drive**
 - Read/Write
- **DVD-R DL Drive**
 - Read/Write
- **OBIST**
 - DRAM
 - Flash ROM
 - Main IC
 - Opu
 - Spindle
 - Tray In
 - Tray Out
- **HD DVD Drive**

PC-Doctor Toolbox for Windows Test List

- Funnel Seek
- Linear Read Compare
- Linear Seek
- Random Seek
- **SCSI Command Set**
 - Self-Test
 - Background Short Self-Test
 - Background Extended Self-Test

System

- **Memory**
 - Address
 - Advanced Pattern
 - Auxiliary Pattern
 - Bit High
 - Bit Low
 - Checkerboard
 - Modulo20
 - Moving Inversion
 - Nibble Move
 - Walking Ones Left
 - Walking Ones Right
 - Windows Memory
- **CPU**
 - Level 2 Cache
 - Math Register
 - MMX
 - Register
 - SSE
 - SSE2
 - SSE3
 - SSSE3
 - SSE4A
 - SSE4.1
 - SSE4.2
 - AVX
 - AVX2
 - Stress
 - Floating Point Unit
 - Prime Number Generation
- **Battery**
 - Battery Life Test

- **PCI**
 - Configuration
- **PCI Express**
 - Status
- **PCMCIA Bridge**
 - Status
- **CardBus Bridge**
 - Status
- **IEEE 1394**
 - Bus Reset
 - Config ROM
- **USB**
 - Status
- **USB Ports**
 - Status
- **CMOS**
 - Checksum
 - Pattern
- **System Board**
 - RTC Accuracy
- **Serial Port**
 - Internal Control Signals
 - Internal Register
 - Internal Send and Receive
- **Parallel Port**
 - Internal Read and Write
- **Lid Closure**
 - Lid Closure Interactive Test
- **Power State**
 - Simple Hibernate Test
 - Simple Modern Standby Test
 - Simple Standby Test

Audio

- **Microphone**
 - Microphone Interactive
- **Sound Card**
 - Sound Interactive

Communications

- **Network Card**
 - Network Cable Test
 - Network Link
 - TCP/IP Internal Loopback
 - Local Network Communication
 - Wireless Connectivity
 - Wireless Signal Strength
 - Wireless Antenna
 - Data Transfer Verification
 - Internet Communication
- **Intel NIC Network Access Layer**
 - Combination Test
- **Mobile Broadband**
 - Connectivity
 - Signal Strength
- **GPS**
 - Communication
 - Lock
- **Bluetooth**
 - Bluetooth Test
- **Modem**
 - Dial Tone
 - Fax Command
 - Last Call
 - Modem Loopback
 - Modem Self Testing Loopback
- **Near Field Communications (NFC)**
 - Read
 - Write

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
 - AMD FreeSync Test
 - Video Memory
 - SLI
- **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
- **TV Tuner**
 - TV Signal
 - Capture to Screen
 - Capture to File
 - FM Radio
 - Digital TV Signal
 - Clear QAM Digital Tuner Signal
- **Webcam**

PC-Doctor Toolbox for Windows Test List

- Capture to Screen
- Capture to File
- RGP Pixel
- RGB Line Driver
- RGB Channel
- RGB Line Amplifier
- RGB Color Depth
- Luminance
- Edge Detection
- **Biometrics Camera**
 - Face Detection Test
- **Multimedia**
 - Video Interactive Test
- **Monitor**
 - Monitor Interactive
- **Touchscreen**
 - Calibration
 - Coverage
 - Multi-touch
- Gyrometer
- Magnetometer

External Devices

- **Keyboard**
 - Keyboard Interactive
- **Mouse**
 - Mouse Interactive
- **Touchpad**
 - Touchpad Interactive
- **Trackpoint**
 - Trackpoint Interactive
- **Printer**
 - Printer Interactive
- **Digitizer Stylus**
 - Corners
 - Pressure
 - Barrel Switch
 - Eraser
- **Sensors**
 - Accelerometer
 - Ambient Light
 - Fingerprint Reader

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