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
  - NVMe Status
  - NVMe Wear Level
  - Read Speed
  - Write Speed
  - SMART Wear Level Test

- **Blu-Ray Drive**
  - Funnel Seek
  - Linear Read Compare
  - Linear Seek
  - Random Seek
  - Read Performance

- **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

- **Removable Storage**
  - Pattern
  - Linear Read

- **CD-ROM Drive**
  - Funnel Seek

- **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

- 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

- **Serial Port**
  - Simple Hibernate
  - 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
- 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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