

# PC-Doctor for Linux Test List

## Audio

- **CD Audio**
  - CD Audio Test
  - CD Audio Digital Extraction Test
- **Sound**
  - Surround Sound
  - Audio Loopback
  - Midi
  - Microphone
  - Wave (Left/Right/Both)

## Storage

- **Hard Drive**
  - Funnel Seek
  - Linear Read
  - Linear Seek
  - Random Seek
  - Pattern
  - Targeted Read
  - Cache Test
  - Read Speed
  - Read Write Speed
- **Solid State Drive**
  - Random Seek
  - Linear Read
  - Targeted Read
  - SSD Wear Level
  - Pattern
  - SMART Wear Level
  - Read Speed
  - Read Write Speed
  - NVDIMM Status
  - NVDIMM Wear Level
  - NVMe Extended Self-Test
  - NVMe Short Self-Test

- NVMe Status
- NVMe Wear Level
- SCSI Wear Level

- **Card Reader**
  - Linear Read
  - Pattern
- **USB Storage**
  - Linear Read
  - Pattern
  - Random Read
  - Read Speed
  - Read Write Speed
- **SMART**
  - Status
  - Short Self-Test
  - Extended Self-Test
  - Conveyance
  - Thresholds
  - Log Reader
  - General Purpose Log Reader
  - Selective
  - Attributes
- **Flash Storage**
  - Pattern
  - Random Read
  - Linear Read
  - Read Speed
  - Read Write Speed
- **SCSI**
  - Background Short Self-Test
  - Background Extended Self-Test
  - Self-Test
- **Optical Drive**
  - Pattern
  - Funnel Seek
  - Random Seek
  - Linear Seek

## PC-Doctor for Linux Test List

- Random Write
- Linear Read Compare

## System

- **Memory**
  - Pattern
  - Advanced Pattern
  - Auxiliary Pattern
  - Bit High
  - Bit Low
  - Checkerboard
  - Modulo20
  - Moving Inversion
  - Nibble Move
  - Walking Ones Left
  - Walking Ones Right
- **CPU**
  - SSE
  - SSE2
  - SSE3
  - MMX
  - Register
  - Cache
  - Math Register
  - AVX
  - Stress
- **Battery**
  - AC Charge
  - Life
- **PCI**
  - Configuration
- **System Board**
  - IRQ Accuracy
- **PCMCIA Bridge**
  - Status
- **CMOS**
  - Checksum
  - Pattern
- **IEEE 1394**
  - Bus Reset

- Config ROM
- **USB**
  - Standard Device Requests
  - Device Enumeration
  - Port Detection
- **PCCard**
  - CIS Validation
- **IPMI**
  - Chassis Identify
  - Chassis Status
  - Controller Communication
  - System Event Log
  - Self-Test
- **Serial Port**
  - External Register
  - External Loopback
  - Internal Register
  - Internal Control Signals
  - Internal Send and Receive
- **Parallel Port**
  - Loopback
  - Registers
- **SMBIOS Standards**

## Communications

- **Bluetooth**
  - Communication
  - Detection
- **Network**
  - ICMP Communication
  - External Loopback
  - Connectivity
  - Wireless Signal Quality
  - Wireless Connection Test
  - Network Throughput
  - Upload
- **Intel NIC**
  - EEPROM
  - FIFO
  - Interrupt

## PC-Doctor for Linux Test List

- Register
- External Loopback
- Network Link
- Time-Domain Reflectometer
- IP Security
- Active Management Technology
- Loopback
- Virtual LAN

- **Modem**

- Dialtone
- Loopback
- Fax Command
- Modem Specific

## Video

- **2D3D Video**

- Video Data
- Video Text
- Video Memory

- **Framebuffer**

- Pattern
- Advanced Pattern

- **GPU**

- Basic Render

- **Webcam**

- Capture to Screen
- Edge Detection
- Luminance Depth
- RGB Channel
- RGB Color Depth
- RGB Line Amplifier
- RGB Pixel

- **Touchscreen**

- Calibration
- Coverage
- Multi-touch

- **Monitor**

- Monitor
- EDID Checksum
- EDID Verification

## External Devices

- **Keyboard**
- **Mouse**

## Utilities

- **Inventory**

- Inventory
- Parts Test

- **Drive Erase**

- ATA Enhanced Secure Erase
- ATA Sanitize Block Erase
- ATA Sanitize Crypto Erase
- ATA Secure Erase
- Drive Wipe
- MMC Secure Erase
- NVMe Advanced Secure Erase
- NVMe Format Test
- NVMe Sanitize Block Erase
- NVMe Sanitize Crypto Erase
- NVMe Sanitize Overwrite
- NVMe Secure Erase
- SCSI Sanitize Block Erase
- SCSI Sanitize Crypto Erase
- SCSI Sanitize Overwrite

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