

Linux Test List

Storage

- **Blu-Ray Drive**
 - Funnel Seek
 - Linear Read Compare
 - Linear Seek
 - Random Seek
- **CD-ROM Drive**
 - CD Audio Digital Extraction
 - Funnel Seek
 - Linear Read Compare
 - Linear Seek
 - Random Seek
- **DVD Drive**
 - Funnel Seek
 - Linear Read Compare
 - Linear Seek
 - Random Seek
- **DVD-RAM Drive**
 - Funnel Seek
 - Linear Read Compare
 - Linear Seek
 - Random Seek
- **Floppy Drive**
 - Funnel Seek
 - Linear Read
 - Linear Seek
 - Pattern
 - Random Seek
- **Hard Drive**
 - Cache
 - Funnel Seek
 - Linear Read
 - Linear Seek
 - Pattern
 - Random Seek
 - Targeted Read
- **SMART**
 - Conveyance Self-Test
 - Extended Self-Test
 - Short Self-Test
 - Status
 - Thresholds
 - Selective Self-Test
- **SCSI Command Set**
 - Self-Test
 - Background Short Self-Test
 - Background Extended Self-Test
- **Solid State Drive**
 - Linear Read
 - Pattern
 - Random Seek
 - Wear Level
 - Intel Wear Level
 - Targeted Read
 - SCSI Wear Level
 - eMMC Wear Level Test
- **NVMe Drive**
 - NVMe Status
 - NVMe Wear Level
 - NVMe Extended Self-Test
 - NVMe Short Self-Test
- **NVDIMM**
 - Status Test
 - Wear Level
- **DVD Drive**
 - Funnel Seek
 - Linear Read Compare
 - Linear Seek
 - Random Seek
 - Read Performance
- **Removable Storage**
 - Pattern
 - Linear Read
 - Random Read
- **MMC Storage**
 - Linear Read

- Pattern
- Random Read
- Read Speed
- Read Write Speed

System

- **IEEE 1394**
 - Bus Reset
 - Config ROM
- **Battery**
 - AC
 - Life
- **CMOS**
 - Checksum
 - Pattern
- **CPU**
 - Cache
 - MMX
 - Math Register
 - Register
 - SSE2
 - SSE3
 - SSE
 - AVX
 - Stress
- **Memory**
 - Address
 - Advanced Pattern
 - Auxiliary Pattern
 - Bit High
 - Bit Low
 - Checkerboard
 - Modulo20
 - Moving Inversion
 - Nibble Move
 - Walking One Left
 - Walking One Right
 - Pattern
- **Parallel Port**
 - Loopback
 - Register
- **PCI**

- Configuration
- **PC Card**
 - CIS Validation
- **Serial Port**
 - External Loopback
 - External Register
 - Internal Control Signals
 - Internal Register
 - Internal Send and Receive
- **System Board**
 - RTC IRQ Accuracy
 - TPM Self-Test
- **USB**
 - USB Standard Device Requests
 - USB Device Enumeration
 - USB Port Detection
 - Read Speed
 - Read Write Speed
- **IPMI**
 - Chassis Identify
 - Chassis Status
 - Controller Communication
 - Self-Test
- **Lid Closure**
 - Lid Test

Audio

- **Microphone**
 - Microphone Recording
- **Sound Card**
 - Midi
 - Surround Sound
 - Wave Test Both
 - Wave Test Left
 - Wave Test Right

Video

- **Video Card**
 - Video Data
 - Video Memory
 - Video Text

- AGP Configuration
- Basic Render
- GPU Advanced Pattern
- Pattern
- Matrix Multiplication
- **Monitor**
 - Monitor Interactive
 - EDID Checksum Test
 - EDID Verification Test
 - Advanced EDID Test
- **Touch Screen**
 - Multi-Touch
 - Calibration
 - Coverage
- **Webcam**
 - Capture To Screen
 - RGB Pixel
 - RGB Line Driver
 - RGB Channel
 - RGB Line Amplifier
 - RGB Color Depth
 - Luminance
 - Edge Detection
- **NVIDIA Graphics (CUDA)**
 - Address Fault
 - Advanced Mathematical Operations
 - Block Move
 - Memory Fault
 - Modulo X
 - Moving Inversion
 - Own Address
 - Pattern
 - Random Number Sequence
 - Standard Mathematical Operations
- **Video Ports**
 - Video Ports Test

Communications

- **Modem**
 - Dial Tone
 - Fax Command
 - Modem Loopback

- Modem Specific
- **Network Card**
 - ICMP Network Communications
 - Network Connectivity
 - Network External Loopback
 - Network Offline Self-Test
 - Network Online Self-Test
 - Wireless Connection
 - Wireless Scan
 - Network Data Transfer Speed
- **Intel Network Card**
 - Intel Network Interrupt
 - Intel NIC AMT Test
 - Intel NIC EEPROM
 - Intel NIC FIFO
 - Intel NIC IP Security
 - Intel NIC Interrupt
 - Intel NIC Link
 - Intel NIC Loopback
 - Intel NIC Register
 - Virtual LAN
 - 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
- **Bluetooth Port**
 - Bluetooth Communication
 - Bluetooth Detection

Other Devices

- **Keyboard**
 - Key Test
- **Mouse**
 - Mouse Test
- **Touchpad**
 - Touchpad Test

Other Utilities

- **Inventory**
 - Inventory Test
 - Parts Test
- **Drive Erase**
 - ATA Enhanced Secure Erase
 - ATA Sanitize Block Erase
 - ATA Sanitize Crypto Erase
 - ATA Sanitize Overwrite
 - ATA Secure Erase
 - Drive Wipe
 - MMC Secure Erase
 - NVMe Secure Erase
 - NVMe Advanced Secure Erase
 - NVMe Sanitize Block Erase
 - NVMe Sanitize Crypto Erase
 - NVMe Sanitize Overwrite
 - SCSI Sanitize Block Erase
 - SCSI Sanitize Crypto Erase
 - SCSI Sanitize Overwrite
- **Network Configuration Utility**

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