



## Test List – January 2012

### Audio

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

### Storage

- **Hard Drive Tests**
  - Funnel Seek
  - Linear Read
  - Random Seek
  - Pattern
  - Targeted Read
- **Solid State Drive Tests**
  - Random Seek
  - Linear Read
  - Targeted Read
  - SSD Wear Level
  - Pattern
- **Card Reader Tests**
  - Linear Read
  - Pattern
- **USB Storage Tests**
  - Linear Read
  - Pattern
  - Standard Device Requests
  - Descriptors
- **SMART Tests**
  - Status
  - Short Self-Test
  - Extended Self-Test
  - Conveyance
  - Thresholds
  - Log Reader
  - General Purpose Log Reader
  - Selective
- **Flash Storage Tests**
  - Pattern
  - Random Read
  - Linear Read
  - Bad Block Detection

### Memory

- **Memory Tests**
  - Pattern
  - Advanced Pattern

### Optical

- **Optical Drive Tests**
  - Pattern
  - Funnel Seek
  - Random Seek
  - Linear Seek
  - Random Write
- **SCSI Tests**
  - Background Short Self-Test
  - Background Extended Self-Test
  - Self-Test

### Video

- **2D/3D Video Tests**
  - Video Data
  - Video Text
  - Video Memory
- **Framebuffer**
  - Pattern
  - Advanced Pattern

### System

- **Systemboard Tests**
  - RTC Rollover
  - RTC Accuracy
- **CMOS Tests**
  - Checksum
  - Pattern
- **CPU Tests**
  - SSE
  - SSE2
  - SSE3
  - MMX
  - Register
  - Cache
  - Math Register
- **PCCard Tests**
  - Socket
  - Card Status
  - CIS Validation
- **PCI Test**
  - Configuration

### Battery

- **Battery Tests**
  - AC Charge

### Ports

- **Parallel Tests**
  - Loopback
  - Registers
- **IEEE1394 Tests**
  - ConfigROM
  - BusReset

### Serial Tests

- External Register
- External Loopback
- Internal Register
- Internal Control Signals
- Internal Send and Receive

### Communication

- **Network Tests**
  - ICMP Communication
  - External Loopback
  - Connectivity
  - Wireless Signal Quality
  - Network Throughput
  - Upload
- **Modem Tests**
  - Dialtone
  - Loopback
  - Fax Command
  - Modem Specific
- **Bluetooth Tests**
  - Communication
  - Detection
- **Intel NIC Diagnostics**
  - Intel NIC EEPROM
  - Intel NIC FIFO
  - Intel NIC Interrupt
  - Intel NIC Register
  - External Loopback
  - Network Link
  - Time-Domain Reflectometer
  - IP Security
  - Active Management Technology
  - Loopback
  - Virtual LAN

### Other

- **SMBIOS Standards Test**
- **Keyboard Test**
- **Monitor Test**
- **Mouse Test**



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