



## Test List – January 2013

### Storage

- **Diskette Drive**
  - Hi-Low Seek
  - Funnel Seek
  - Track to Track Seek
  - Random Seek
  - Linear Verify
  - Random Verify
  - Linear Write/Read
  - Linear Write/Random Read
  - Random Write
- **Fixed Disk**
  - Controller
  - Funnel Seek
  - Random Seek
  - Linear Verify
  - Random Verify
  - SMART Status Check
  - SMART Self-Test Short
  - SMART Self-Test Long
  - SMART Conveyance
  - SMART Attribute Check
  - Inner/Outer Surface Read
  - Read Surface Scan
  - Write Surface Scan
  - Drive Cache
  - Spin Down/Spin Up
- **Optical Drive Scan**
  - Insert Media
  - Linear Seek
  - Random Seek
  - Funnel Seek
  - Remove Media
- **Optical Drive Write**
  - CD-RW Drive
  - DVD-RW Drive
  - DVD+RW Drive
  - DVD-RAM Drive
  - HD DVD-RAM Drive
  - BD-RE Drive
- **SCSI Fixed Disk**
  - Controller
  - Funnel Seek
  - Track To Track Seek
  - Random Seek
  - Linear Verify
  - Random Verify
  - Read Surface Scan
  - Write Surface Scan
  - Short Self-Test
  - Extended Self-Test
  - Inner/Outer Read Surface Scan
  - Spin Down/Spin Up Test

### System

- **CPU/Coprocessor**
  - CPU Registers
  - CPU Arithmetics
  - CPU Logical Operations
  - CPU String Operations
  - CPU Misc Operations
  - CPU Interrupts/Exceptions
  - CPU Buffers/Cache
  - CoProc Registers
  - CoProc Commands
  - CoProc Arithmetics
  - CoProc Transcendental
  - CoProc Exceptions
  - MMX Test
  - SSE
  - SSE2
  - SSE3
  - SSSE3
  - SSE4A
  - SSE4.1
  - SSE4.2
- **System Memory**
  - Memory Fault
  - Address Fault
  - Random Pattern
  - Short Advanced Pattern
  - Extended Advanced Pattern
- **Parallel Port**
  - Command and Data Port
  - External Loopback and IRQ
- **Serial Port**
  - Registers and Interrupts
  - Internal Loopback
  - External Loopback
  - FIFO Buffers(16550A)
- **System Board**
  - System Timer
  - BIOS Timer
  - IRQ Controller
  - RAM Refresh
  - RTC Clock
  - CMOS RAM
  - Keyboard
  - PCI
  - PCMCIA
  - PCMCIA Detection
  - USB Port
  - USB Port External Loop
  - IEEE1394 Controller
  - SMBus
  - Voltage

### Video

- **Video Adapter**
  - Video memory
  - Video Pages
  - VGA Controller Registers
  - VGA Color-DAC Registers
  - VESA Full Video Memory
  - AGP
  - PCI Express

### Interactive

- **Keyboard**
- **Video**
- **Internal Speaker**
- **Mouse**
- **Diskette**
- **LCD Panel**
- **System Load**

### Miscellaneous/Utilities

- **Inventory**
- **Run External Tests**
- **Edit CMOS RAM**
- **File Editor**
- **Benchmark System**
- **DOS Shell**
- **Terminal**
- **Memory Debugger**
- **Tech Support Form**
- **Battery Rundown**
- **Erase Drive Contents**
- **View SMART Logs**
- **View PCDR Host Log**



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