# Chrome OS Test List

# Storage

# Blu-Ray Drive

- o Funnel Seek
- Linear Read Compare
- Linear Seek
- o Random Seek

### • CD-ROM Drive

- o CD Audio Digital Extraction
- o Funnel Seek
- Linear Read Compare
- Linear Seek
- o Random Seek

#### DVD Drive

- Funnel Seek
- o Linear Read Compare
- Linear Seek
- o Random Seek

### DVD-RAM Drive

- o Funnel Seek
- Linear Read Compare
- Linear Seek
- o Random Seek

# • Floppy Drive

- Funnel Seek
- o Linear Read
- o Linear Seek
- Pattern
- o Random Seek

#### Hard Drive

- o Cache
- Funnel Seek
- o Linear Read
- Linear Seek
- o Pattern
- o Random Seek
- o Targeted Read

### SMART

Conveyance Self-Test

- Extended Self-Test
- Short Self-Test
- Status
- o Thresholds
- Selective Self-Test

### • SCSI Command Set

- Self-Test
- Background Short Self-Test
- o Background Extended Self-Test
- Thresholds

#### Solid State Drive

- o Linear Read
- o Pattern
- o Random Seek
- Wear Level
- o Intel Wear Level
- o Targeted Read
- o SCSI Wear Level
- eMMC Wear Level Test

#### NVMe Drive

- NVMe Status
- o NVMe Wear Level
- NVMe Extended Self-Test
- NVMe Short Self-Test

### NVDIMM

- Status Test
- o Wear Level

#### DVD Drive

- o Funnel Seek
- o Linear Read Compare
- o Linear Seek
- o Random Seek
- o Read Performance

### Removable Storage

- o Pattern
- o Linear Read
- o Random Read

### MMC Storage

- o Linear Read
- o Pattern
- o Random Read
- o Read Speed
- Read Write Speed

# System

# IEEE 1394

- Bus Reset
- Config ROM

# Battery

- o AC
- Life

### CMOS

- Checksum
- o Pattern

# CPU

- Cache
- o MMX
- o Math Register
- o Register
- o SSE2
- o SSE<sub>3</sub>
- SSE
- o AVX
- Stress

### Memory

- Address
- Advanced Pattern
- Auxiliary Pattern
- o Bit High
- o Bit Low
- o Checkerboard
- o Modulo20
- Moving Inversion
- Nibble Move
- Walking One Left
- o Walking One Right
- o Pattern

### Parallel Port

- o Loopback
- o Register

#### PCI

Configuration

#### PC Card

o CIS Validation

### Serial Port

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

# System Board

- RTC IRQ Accuracy
- TPM Self-Test

#### USB

- USB Standard Device Requests
- USB Device Enumeration
- o USB Port Detection
- o Read Speed
- o Read Write Speed

#### IPMI

- Chassis Identify
- o Chassis Status
- Controller Communication
- Self-Test

#### Lid Closure

Lid Test

# **Audio**

# Microphone

o Microphone Recording

#### Sound Card

- o Midi
- Surround Sound
- o Wave Test Both
- Wave Test Left
- Wave Test Right

# Video

### Video Card

- o Video Data
- Video Memory

- Video Text
- o AGP Configuration
- o Basic Render
- o GPU Pattern
- o GPU Advanced Pattern

#### Monitor

- Monitor Interactive
- o EDID Checksum Test
- o EDID Verification Test
- Advanced EDID Test

#### Touch Screen

- o Multi-Touch
- Calibration
- o Coverage

### Webcam

- o Capture To Screen
- o RGB Pixel
- o RGB Line Driver
- o RGB Channel
- o RGB Line Amplifier
- o RGB Color Depth
- o Luminance
- Edge Detection

# Video Ports

Video Ports Test

# Communications

#### Modem

- o Dial Tone
- Fax Command
- o Modem Loopback
- o Modem Specific

# Network Card

- o ICMP Network Communications
- Network Connectivity
- o Network External Loopback
- Network Offline Self-Test
- Network Online Self-Test
- Wireless Connection
- o Wireless Scan

### • Bluetooth Port

o Bluetooth Communication

#### Bluetooth Detection

# Other Devices

# Keyboard

- Key Test
- o Volume Button

# • Mouse

Mouse Test

# • Touchpad

o Touchpad Test

### Other Utilities

# • Inventory

- o Inventory Test
- Parts Test
- Network Configuration Utility

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