



Complete Hardware testing for the manufacturing floor

Key features

- Compatible with Free DOS and MS DOS 6.20.
- Latest CPU Support Including Intel, AMD and Cyrix with No Speed Limitations.
- Support for Non-Legacy IDE: HDD, CD, DVD, ATAPI
- Hard Disk Tests for up to UDMA 100
- Easy Installation Procedure
- Bootable CD – Useful especially when the system fails to boot from Hard Disk

Enhancements for Version 7.3

- Improved Performance in Memory Diagnostics
- Multimedia CPU Extensions test (SSE2, SSE3, SSSE3) added.
- PCI Express test (Capability test, Status test) added.
- SMBIOS Support is updated to version 2.5
- Supports all latest processors of Intel & AMD.
- Added Support for nVidia Nforce MCP55Pro, MCP73 chipset
- Added Support for Intel ICH8 & ICH9

Enhancements for Version 7.1

- Bootable CD.
- Tool for Test Configuration Management
- Added Support for nVidia Nforce MCP61 chipset

Enhancements for Version 7.0

- Support for latest CPU technologies – Hyper-threading, Multi-core
- Intel Pentium 4, Intel Pentium D, Celeron D, Xeon MP, AMD Athlon, AMD Opteron, AMD Athlon 64,s5000V, Intel Core Duo
- SATA AHCI Controller Diagnostics
- PCI Express Diagnostics
- Improved Testing Algorithms for Faster CPUs
- Added Support for Intel ICH6 & ICH7
- Added Support for nVidia Nforce 6100, 6150, 410, 430
- Added Support for AMD 8111, Intel E8500, E7525, E7221, E7520, S5000V

<p>Test Control Scripted & Batch Mode Testing Interactive/Non-Interactive Quick Test Mode with Additional Tests Single/Multi Cycles, Passes, Batch Testing Test Progress Status Test Result Logging on a File, COM: or LPT: Port Customizable Log File Integrates with External System Mgmt Products Configuration Summary to File Allows Running from RAM Drive when Boot from Floppy Input/Output Redirection via COM Port (VT100 Interface) CPU Tests Detects & Verifies CPU Speeds Without Speed Limit Tests MMX, 3DNow!, SSE and SSE2 Instructions Intel CPUs: Pentium (Celeron) / Xeon Families AMD CPUs: K5, K6, Athlon Families VIA, CYRIX, IBM Supported Memory Tests Memory Fault Isolation Up to 64GB Memory Supported Chipset Specific Tests for ECC on 440FX, 440LX, 440BX, 450NX, Profusion and ServerWorks CMB 30LE/CMB20 HE Works with a Memory Manager Loaded Parity, Pattern & Extended Pattern Tests Walking Os & 1s ROM Pattern Test Refresh Test Cache Memory Test L2 Cache Test for Pentium II/III based processors Quick Cache, Quick Data & Address Bus Tests Memory Interleave & Bank Failure Reporting ECC Error Monitoring Supports Memory Holes BIOS ROM Tests ROM Read & Write Multi-Processor Tests up to 16 Processors Supports Pentium through Xeon / Athlon MP CPU Steppings Target Speed & L2 Cache Detection of Incompatible CPUs Multi- Processor System Information System Board Tests Serial & Parallel Port Tests IrDA Test CMOS & FPU Speaker (Customizable) DMA & Interrupt Controllers Plug & Play (PnP) EISA & Enhanced PCI & PCI Express Buses PCI Bus Stress (Standard & Master PCI Cycles) SMBus Tests SMBus Controller Test (Intel, AMD, VIA, SIS, ALI) Customizable LM75 & LM80 Tests (OEMs only) SCSI Device Tests Automatic Device Detection</p>	<p>Enhanced Boot Sector Supports 8 Channels (120 Devices) Supports Narrow, Wide & Ultra Wide SCSI Disk Read, Write, Format & Disk Buffer Tests Disk, Tape & CD ROM Self Diagnostics Bad Block Management & Replacement Disk Spin Down Tape Read, Write, Rewind & Tape Buffer Tests CD- ROM Read, Play, Buffer & Tray Tests SATA AHCI Controller Tests Read, Write, NCQ, Performance & Hot Plug IDE Hard Disk Tests Supports 16 IDE Drives Performance, Verify, Data Read & Seek Tests Enhanced Boot Sector Test Write Test Supports HDD up to 137 GB, LBA Support Sleep Mode After Testing UDMA Support up to ATA/100 IDE CD-ROM Tests Uses ATAPI Interface Supports Multiple IDE Controllers No Drivers Required Data only, Audio, Multi Format, CD Plus & Multi- Session CD's Support CD Tray Functionally CD Data Read & CD Audio Play Tests CD- ROM Data Integrity Test CD Audio Test through Sound Card IDE DVD-ROM Tests DVD Read & DVD Seek Tests ATAPI Tapes Write, Read, Seek and Rewind Tests ATAPI LS120 & ZIP Drives Write, Read, Seek and Soft Eject Tests Supports both 100 and 250MB ZIP Floppy Disk Tests Support 360KB to 2.88 MB Drives Floppy Disk Controller Test Diskette Format Test Drive Speed Test Diskette Read Test Diskette Write/Read Test Elevator Seek Test Disk Change Line Test Modem Tests IRQ Activation, Loopback & Dial Tone Tests ISA Sound Card Tests Automated Sound Card & FM Synthesis Tests DMA & I/O Transfer Cycle Windows Sound System Compatible Stereo, Volume, DMA Channel & Pitch Tests Playback Rate, Frequency, Mode & Speaker Tests Basic Functionality Test (IRQ, DSP, MPU) SoundBlaster, ESS & Crystal Compatible PCI Sound Cards Ensoniq 1370 & 1371 ESS Maestro 2, Maestro 2E & Maestro 2EM Yamaha F740C</p>
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CardBUS Controller Tests

Supports TI +O2Micro Controllers PCI Memory

Space & Power Down Tests Vcc Power,
Register & Card Detect Pins Tests

COM Tests

Serial Port Hardware Test

Internal Loopback Test

External Loopback Test

FIFO Test

Baud Rate Test

I/R Basic Test

I/R Communication Test

Parallel Port Tests

LPT Hardware Test

Printer Test

EPP Test

ECP Test

Integrated Sound (Intel Chipsets)

Tests the Intel 810/815 Built-In Sound Capabilities

Network Tests

Tests IPX & NetBIOS

Ping Test

Intel 8255x-Based HW Test

PS/2 Keyboard Tests

Interactive & Non-Interactive Tests Scan/ASCII Code,
LED, Clock & Data Line Tests

Video Tests

Video Memory, Attribute & Color Tests Page Selection,

Video Modes & AGP Bridge Tests

VESA Memory & Frame Buffer

VESA Video Mode & Monitor

(DDC) LCD Panel Test

Intel i740 Based Graphic Cards Register, Hardware

Cursor & Local Memory Tests

Mouse Test

Single & Double Click

Graphics & Text Mode Tests Power

Management (APM) Supports APM

1.0, 1.1 & 1.2

APM Functionally & Device APM Tests

Video controller specific diagnostics

VGA Controller Test

Video Memory Test

VESA Video Memory Test

AGP Test

Intel i810/i815 Test

Video monitor specific diagnostics

Attribute Test Page

Selection Test

Color Test

Text Mode Test

Graphics Mode Test

VESA Video Modes Test

VESA Monitor Test

LCD Panel Test

ACPI Tests

ACPI Tables Test

S1/S2/S3 State Testing

DMI Tests

DMI 1.2 & 2.0 Tests

SMBIOS 2.1, 2.2, 2.3, 2.4 & 2.5

Tests

USB Tests

UHCI, OHCI, EHCI Controller

Support Status, Register Tests

Interrupt Test

MegaRAC Tests (OEMs Only)

CPU, LM79, Serial Port & Memory Tests

Asynchronous Interface Test PCMCIA

Fax/Modem Card & NVRAM Tests

Network Controller Card Test

Real Time Clock & LAN Controller Tests

System Information

Creates MIF File

System Board

CPU Stepping & Patch Level (P6)

Keyboard Information

BIOS Info (System, Video, PnP, PCI & DMI) Multi-

Processor Configuration & Table Data SCSI & IDE

(Disks, Tapes, CDRoms, DVDs, LS120 & Zip)

Devices

RAID (MegaRAID), MegaRAC Board &

CardBUS Controller

Information Power

Management ACPI

Support Sound Cards &

Modems EISA, ISA &

PCI

Plug & Play (PnP) (ISA PnP & On-Board Devices)

Display Details

Complete DMI, L2 Cache & Memory

Information DMI Event Log

SDRAM (SPD) Details Network &

System Configuration Devices

Drivers Software Interrupts

List AUTOEXEC.BAT & CONFIG.SYS

XMS, DOS & EMS Environments

Physical & Logical Drives Hardware

IRQs

DMA Assignments

I/O Port List Network

HeartBeat System

Memory Map



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