

# New DDR-III 1066 Mhz

## DDR3 SODIMM Application Tester



CST Inc, The leading worldwide manufacturer of Memory tester and Automation System is proud to introduce the new Stand-alone DDR3 Memory SODIMM Application Tester.

This Application tester is built-in with an Intel based Motherboard System including a LCD monitor, Keyboard, Mouse, USB port and powered by CST 's DocMemory RAM Diagnostic Software

To operate the Application Tester, simply insert one or two DDR3 SODIMM into the heavy-duty 204pin SODIMM socket , Turn on power and the Application tester will run its Rigorous Test Pattern on the SODIMM memory to verify for any Window Environment or NO-Boot failures.

The DDR3 SODIMM Application tester will support the latest PC3-6400, PC3-8500 & PC3-10666 DDR3 memory modules. (1333Mhz SODIMM will be tested at reduce – speed)

This Application Tester is best suited for Memory Distributors, Memory Module Manufacturers, PC Dealers and Service Depots for final QC Testing and RMA Verifications.

### DDR3 Application Feature

#### Real Motherboard Environment Testing

- Real Motherboard Testing
- Real Cycle Time and At-Speed Testing
- Checks for Dual-Channel Memory Compatibility issues.
- **Fast Test time with DocMemory**
- Optional Heat Chamber

#### Effective Test Algorithm

- Detect No-Boot Memory Failures
- Detail March test, checks for functional failures
- **Fault Focusing – pinpoints to faulty Bits(s)**

#### Ease of Use

- Small Portable Compact Memory Test System
- Easy to read 7 inch LCD display
- Keyboard Push Button Selection
- Audible buzzer for Pass/Fail indication
- Colored Display for Test, Pass and Fail status

#### DocMemory Diagnostic

- Self Bootable on PCI Test Card
- Dynamic Test Pattern
- Easy to Setup

### Technical Specification

CPU Clock Frequency	: 2.5 Ghz Intel Core-Dual Extreme
Memory Data-rate	: 1066 Mhz (Max)
Chipset	: Intel GM-45 + ICH9MEM
Memory Address	: 4 GB Unbuffered SODIMM (2GB per SODIMM)
Number of SODIMM	: Two 1066 Mhz SODIMM (Max)
SODIMM Socket	: Heavy-Duty 204pin
Data Width	: 64 bit
Chip Configuration	: Support - x16 and x8 DDR3 BGA
Dynamic Test Pattern	: Mat-S, March-A, March-B, March-C, March-X, March-Y, Mem-Crash, Mem-Scan, Trauma-Ram, Moving-Inversion & Module-20
Power Adapter	: Input 110 /250 Vac, 50 /60Hz Output 19 VDC @ 5A
Operating Temperature	: 15 ~110 Degree F
Dimension	: 187 x 280 x 143 mm
Weight	: 7 pounds or 3 KG

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