

# Computer Memory Test Labs Final Report

| <u>MOTHERBOARD</u>  | <u>MANUFACTURER</u> | <u>CHIPSET</u>  | <u>TEST NUMBER</u>   | <u>TEST STATUS</u>                 |
|---|---------------------|---|--|------------------------------------|
| D945GCL   | Intel               | Intel D945G Express   | 013148   | PASSED                             |
| <u>MODULE INFORMATION</u>   |                     |   |  | <u>Compatibility Ranking Level</u> |
| Manufacturer Name: <b>ATP Electronics</b><br>Part #: <b>AJ64K64D8BHE6S</b><br>MB: <b>512MB</b><br>Config: <b>64M x 64</b><br>DRAM: <b>Samsung</b><br>DRAM Part #: <b>K4T51083QE-ZCE6 rev E</b><br>PCB Part: <b>D2U64D na</b><br>PCB_layer_count: <b>6 Layer</b><br>Module Info: <b>Unbuffered Non-ECC 667Mhz</b>              |                     |   | <div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>Certified CRL</b><br/> <br/> <b>1</b> </div> Cas Latency: <b>5</b><br>Dual Die Package: <input type="checkbox"/><br>Env. Code <b>RoHS</b><br>Bank: <b>1</b><br>Assembly Type: <b>Single Board/Non Stacked</b><br><b>DDR2 DIMM</b> |                                    |
| <u>SYSTEM INFORMATION</u>   |                     | <u>TESTING DETAILS</u>  |  |                                    |
| <u>MINIMUM SYSTEM INFORMATION</u><br>Minimum System: D945GCL<br>Serial Number: BTCL6340000B<br>Board Revision: D67193-201<br>Post Memory Count: 512<br>Processor Code: P4 3.4Ghz 800Mhz<br>Bios at time of test: CL94510J.86A.0008.2006.0816.1736<br>MCFT Memory Count 503M<br>Max_HDD_Man:<br>Max_HDD_Cap:<br>Max_HDD_Ser:   |                     | 55°C Temperature: Standard Voltage<br>Start Date: 1/22/2007<br>Stop Date: 1/23/2007<br>Insertion Test: Pass<br>SPD Check: Pass<br>MCFT Min: Pass<br>MCFT Max: Pass<br>S3 Test: Pass<br>Power Cycle Test: Pass<br>Power Cycle Time: 46<br>OS: Windows XP<br>Service Pack: 2<br>Test Version: MCFT 2.24 |  |                                    |
| <u>MAXIMUM SYSTEM INFORMATION</u><br>Maximum System: D945GCL<br>Serial Number: BTCL6340000D<br>Board Revision: D67193-201<br>Post Memory Count: 1024<br>Processor Code: P4 3.4Ghz 800Mhz<br>Bios at time of test: CL94510J.86A.0008.2006.0816.1736<br>MCFT Memory Count 1015M<br>Max_HDD_Man:<br>Max_HDD_Cap:<br>Max_HDD_Ser: |                     |   |  |                                    |
| <u>VENDOR CONTACT INFORMATION</u>   |                     |   |  |                                    |
| Contact: Louis Lau  |                     | Contact Phone: (408) 732-5000 x 5   |  | Purchase Order #:                  |
| Test Traveler Notes:  |                     |   | CMTL USE ONLY:   |                                    |
|   |                     |   | Verified by:   |                                    |
|   |                     |   | Emailed by:  |                                    |

Test Technician: Thanh Nguyen

In the event of a module failure, CMTL is not required to provide root cause analysis. Accuracy of testing is restricted to the above mentioned module with specific DRAM, PCB and other components as listed and tested with the CMTL Memory Compatibility Functionality Test, Microsoft Advanced Server 2000®, Windows NT 4.0 Enterprise Edition®, Windows XP®, Windows 98 SE®, Dos 6.22®, MSTRESS® (v x.x), XLINEAR® (v x.xx), FXLINEAR® (v x.xx), Patin® (v x.x), WinMTA® (v x.xx). (Voltage margining applied only to those systems that are applicable.)

[WWW.CMTLABS.COM](http://WWW.CMTLABS.COM)