

# Computer Memory Test Labs Final Report

<u>MOTHERBOARD</u>	<u>MANUFACTURER</u>	<u>CHIPSET</u>	<u>TEST NUMBER</u>	<u>TEST STATUS</u>
D945GTP/D945GNT/D945PSN/D945PVS	Intel	Intel D945G Express	009911	PASSED
<b>MODULE INFORMATION</b>				
Manufacturer Name: <b>Smart Modular Technologies</b> Part #: <b>SG1286UDR264843IAP</b> MB: <b>1GB</b> <span style="float: right;">Cas Latency: <b>4</b></span> Config: <b>128M x 64</b> <span style="float: right;">Assembly Type: <b>Single Board/Non Stacked</b></span> DRAM: <b>Infineon</b> DRAM Part #: <b>HYB18T512800AF37 rev A</b> PCB Part: <b>PG58G240NUBUB2RB rev A</b> PCB_layer_count: <b>6 Layer</b> Module Info: <b>Unbuffered      Non-ECC      533Mhz      DDR2 DIMM</b>				
<b>SYSTEM INFORMATION</b>			<b>TESTING DETAILS</b>	
<b>MINIMUM SYSTEM INFORMATION</b> Minimum System: D945GTP/D945GNT/D945PSN/ Serial Number: BQTP51500136 Board Revision: C97839-202 Post Memory Count: 1024 Processor Code: P4 3.6Ghz 800Mhz Bios at time of test: NT945.86A.0649.2005.0411.1956 MCFT Memory Count: 1015 Max_HDD_Man: Maxtor Max_HDD_Cap: 40GB Max_HDD_Ser: WMAD11743172  <b>MAXIMUM SYSTEM INFORMATION</b> Maximum System: D945GTP/D945GNT/D945PSN/ Serial Number: BQTP51500145 Board Revision: C97839-202 Post Memory Count: 4096 Processor Code: P4 3.6Ghz 800Mhz Bios at time of test: NT945.86A.0649.2005.0411.1956 MCFT Memory Count: 3247 Max_HDD_Man: Maxtor Max_HDD_Cap: 40GB Max_HDD_Ser: WMAD11743172			55°C Temperature: Standard Voltage  Start Date: 8/5/2005 Stop Date: 8/8/2005 Insertion Test: Pass SPD Check: Pass MCFT Min: Pass MCFT Max: Pass S3 Test: Pass Power Cycle Test: Pass Power Cycle Time: 28 OS: Windows Service Pack: NA Test Version: MCFT 2.24	
<b>VENDOR CONTACT INFORMATION</b>				
Contact: Jim Schwarz		Contact Phone:	Purchase Order #: P-08/01/2005	
Test Traveler Notes:			CMTL USE ONLY:	
			Verified by:  Emailed by:	

Test Technician: Sonni 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.)

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