


# Computer Memory Test Labs Final Report

<u>MOTHERBOARD</u>	<u>MANUFACTURER</u>	<u>CHIPSET</u>	<u>TEST NUMBER</u>	<u>TEST STATUS</u>
D945GSEJT	Intel	Intel® 945GSE	016921	PASSED
<b>MODULE INFORMATION</b>				<b>Compatibility Ranking Level</b>
Manufacturer Name: <b>Dataram</b>		Module ID: <b>DAT548</b>		<b>Certified CRL</b>  <b>1</b>
Part #:	<b>DTM67207B</b>			
MB:	<b>2GB</b>			
Config:	<b>256M x 64</b>		Cas Latency: <b>4</b>	
DRAM:	<b>Hynix</b>		Dual Die Package: <input type="checkbox"/>	
DRAM Part #:	<b>HY5PS1G831CFP-Y5 rev C</b>		Env. Code <b>RoHS</b>	
PCB Part:	<b>40055 rev B</b>		Bank: <b>2</b>	
PCB_layer_count:	<b>8 Layer</b>	Assembly Type: <b>Single Board/Non Stacked</b>		
Module Info:	<b>Unbuffered</b>	<b>Non-ECC</b>	<b>533Mhz</b>	<b>DDR2 SODIMM</b>
<b>SYSTEM INFORMATION</b>		<b>TESTING DETAILS</b>		
<b>MINIMUM SYSTEM INFORMATION</b>		55°C Temperature: Standard Voltage  Start Date: 7/6/2009 Stop Date: 7/7/2009  Insertion Test: SPD Check: Pass MCFT Min: Pass MCFT Max: Pass S3 Test: Pass Power Cycle Test: N/A Power Cycle Time: OS: N/A Service Pack: N/A Test Version: MCFT v2.24		
Minimum System:	D945GSEJT			
Serial Number:	BTJT9100002U			
Board Revision:	E57850-300			
Post Memory Count:	2048			
Processor Code:	Intel® Atom™ CPU N270 @ 1.60GHz, 53			
Bios at time of test:	JT94510H.86A.0021.2009.0224.2024			
MCFT Memory Count:	1G 1015M			
Max_HDD_Man:				
Max_HDD_Cap:				
Max_HDD_Ser:				
<b>MAXIMUM SYSTEM INFORMATION</b>				
Maximum System:	D945GSEJT			
Serial Number:	BTJT91000019			
Board Revision:	E57850-300			
Post Memory Count:	2048			
Processor Code:	Intel® Atom™ CPU N270 @ 1.60GHz, 53			
Bios at time of test:	JT94510H.86A.0021.2009.0224.2024			
MCFT Memory Count:	1G 1015M			
Max_HDD_Man:				
Max_HDD_Cap:				
Max_HDD_Ser:				
<b>VENDOR CONTACT INFORMATION</b>				
Contact:	Contact Phone:	Purchase Order #:		
Andi Barto	(609) 799-0071 x 34	Advanced		
Test Traveler Notes:			CMTL USE ONLY:	
Memory speed ran @ 533MHz			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.)

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