


# Computer Memory Test Labs Final Report

<u>MOTHERBOARD</u>	<u>MANUFACTURER</u>	<u>CHIPSET</u>	<u>TEST NUMBER</u>	<u>TEST STATUS</u>
D945GCLF	Intel	Intel® 945G	016213	PASSED
<u>MODULE INFORMATION</u>				<u>Compatibility Ranking Level</u>
Manufacturer Name: <b>Buffalo</b>		Module ID: <b>BUF242</b>		 <b>Certified CRL</b> <span style="font-size: 2em; font-weight: bold;">5</span>
Part #: <b>D2U800C-2GECJ</b>				
MB: <b>2GB</b>				
Config: <b>256M x 64</b>		Cas Latency: <b>5</b>		
DRAM: <b>Elpida</b>		Dual Die Package: <input type="checkbox"/>		
DRAM Part #: <b>E1108ACBG-8E-E rev C</b>		Env. Code <b>RoHS</b>		
PCB Part: <b>2DUE28F-AA na</b>		Bank: <b>2</b>		
PCB_layer_count: <b>6 Layer</b>		Assembly Type: <b>Single Board/Non Stacked</b>		
Module Info: <b>Unbuffered Non-ECC 800Mhz</b>		<b>DDR2 DIMM</b>		
<u>SYSTEM INFORMATION</u>		<u>TESTING DETAILS</u>		
<b><u>MINIMUM SYSTEM INFORMATION</u></b>				
Minimum System: D945GCLF		55°C Temperature: Standard Voltage		
Serial Number: AZLF8110005L		Start Date: 1/7/2009		
Board Revision: E27042-300		Stop Date: 1/8/2009		
Post Memory Count: 2048MB		Insertion Test:		
Processor Code: Intel® Atom®, 230,1.60GHz,533FSB		SPD Check: Pass		
Bios at time of test: LF94510J.86A.0014.2008.0228.1310		MCFT Min: Pass		
MCFT Memory Count: 1G 1015M		MCFT Max: Pass		
Max_HDD_Man:		S3 Test: Pass		
Max_HDD_Cap:		Power Cycle Test: N/A		
Max_HDD_Ser:		Power Cycle Time:		
<b><u>MAXIMUM SYSTEM INFORMATION</u></b>		OS:		
Maximum System: D945GCLF		Service Pack: N/A		
Serial Number: AZLF8110005L		Test Version: MCFT v2.24		
Board Revision: E27042-300				
Post Memory Count: 2048MB				
Processor Code: Intel® Atom®, 230,1.60GHz,533FSB				
Bios at time of test: LF94510J.86A.0014.2008.0228.1310				
MCFT Memory Count: 1G 1015M				
Max_HDD_Man:				
Max_HDD_Cap:				
Max_HDD_Ser:				
<b><u>VENDOR CONTACT INFORMATION</u></b>				
Contact: Bruce Reilly		Contact Phone:		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.)

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