




# Computer Memory Test Labs Final Report

<u>MOTHERBOARD</u>	<u>MANUFACTURER</u>	<u>CHIPSET</u>	<u>TEST NUMBER</u>	<u>TEST STATUS</u>				
D945GCLF2	Intel	Intel @945G	016485	PASSED				
<b>MODULE INFORMATION</b>				<b>Compatibility Ranking Level</b>				
Manufacturer Name: <b>Buffalo</b>		Module ID: <b>BUF234</b>		<table border="1" style="width: 100%;"> <tr> <td style="text-align: center;"><b>Certified CRL</b></td> <td style="text-align: center;"><b>5</b></td> </tr> <tr> <td colspan="2" style="text-align: center;">  </td> </tr> </table>	<b>Certified CRL</b>	<b>5</b>		
<b>Certified CRL</b>	<b>5</b>							
								
Part #: <b>D2U667C-S512EJJ</b>								
MB: <b>512MB</b>								
Config: <b>64M x 64</b>		Cas Latency: <b>5</b>						
DRAM: <b>Elpida</b>		Dual Die Package: <input type="checkbox"/>						
DRAM Part #: <b>E5108AJBG-6E-E rev J</b>		Env. Code <b>RoHS</b>						
PCB Part: <b>2DUD18F-AA na</b>		Bank: <b>1</b>						
PCB_layer_count: <b>6 Layer</b>		Assembly Type: <b>Single Board/Non Stacked</b>						
Module Info: <b>Unbuffered</b>		<b>Non-ECC 667Mhz</b>		<b>DDR2 DIMM</b>				
<b>SYSTEM INFORMATION</b>		<b>TESTING DETAILS</b>						
<b>MINIMUM SYSTEM INFORMATION</b>								
Minimum System: D945GCLF2		55°C Temperature: Standard Voltage						
Serial Number: AZLS8300004A		Start Date: 3/11/2009						
Board Revision: E46417-102		Stop Date: 3/12/2009						
Post Memory Count: 512		Insertion Test:						
Processor Code: Intel® Atom™ CPU 330 @ 1.60GHz; 533		SPD Check: Pass						
Bios at time of test: LF94510J.86A.0079.2008.0707.0944		MCFT Min: Pass						
MCFT Memory Count: 503M		MCFT Max: Pass						
Max_HDD_Man:		S3 Test: Pass						
Max_HDD_Cap:		Power Cycle Test: N/A						
Max_HDD_Ser:		Power Cycle Time:						
<b>MAXIMUM SYSTEM INFORMATION</b>		OS: N/A						
Maximum System: D945GCLF2		Service Pack: N/A						
Serial Number: AZLS8300005C		Test Version: MCFT v2.24						
Board Revision: E46417-102								
Post Memory Count: 512								
Processor Code: Intel® Atom™ CPU 330 @ 1.60GHz; 533								
Bios at time of test: LF94510J.86A.0079.2008.0707.0944								
MCFT Memory Count: 503M								
Max_HDD_Man:								
Max_HDD_Cap:								
Max_HDD_Ser:								
<b>VENDOR CONTACT INFORMATION</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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