




# 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	016489	PASSED			
<b>MODULE INFORMATION</b>				<b>Compatibility Ranking Level</b>			
Manufacturer Name: <b>Buffalo</b>		Module ID: <b>BUF232</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><b>Certified CRL</b></td> </tr> <tr> <td style="text-align: center;">  </td> </tr> <tr> <td style="text-align: center;"><b>6</b></td> </tr> </table>	<b>Certified CRL</b>		<b>6</b>
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<b>6</b>							
Part #: <b>D2U800C-1GNBJ</b>		Cas Latency: <b>5</b>					
MB: <b>1GB</b>		Dual Die Package: <input type="checkbox"/>					
Config: <b>128M x 64</b>		Env. Code <b>RoHS</b>					
DRAM: <b>Nanya</b>		Bank: <b>2</b>					
DRAM Part #: <b>NT5TU64M8BE-25C rev B</b>		Assembly Type: <b>Single Board/Non Stacked</b>					
PCB Part: <b>2DUE28F-AA na</b>		<b>DDR2 DIMM</b>					
PCB_layer_count: <b>6 Layer</b>							
Module Info: <b>Unbuffered Non-ECC 800Mhz</b>							
<b>SYSTEM INFORMATION</b>		<b>TESTING DETAILS</b>					
<b>MINIMUM SYSTEM INFORMATION</b>		55°C Temperature: Standard Voltage					
Minimum System:	D945GCLF2	Start Date:	3/12/2009				
Serial Number:	AZLS8300004A	Stop Date:	3/16/2009				
Board Revision:	E46417-102	Insertion Test:					
Post Memory Count:	1024	SPD Check:	Pass				
Processor Code:	Intel® Atom™ CPU 330 @ 1.60GHz; 533	MCFT Min:	Pass				
Bios at time of test:	LF94510J.86A.0079.2008.0707.0944	MCFT Max:	Pass				
MCFT Memory Count:	1015M	S3 Test:	Pass				
Max_HDD_Man:		Power Cycle Test:	N/A				
Max_HDD_Cap:		Power Cycle Time:					
Max_HDD_Ser:		OS:	N/A				
<b>MAXIMUM SYSTEM INFORMATION</b>		Service Pack:	N/A				
Maximum System:	D945GCLF2	Test Version:	MCFT v2.24				
Serial Number:	AZLS8300005C						
Board Revision:	E46417-102						
Post Memory Count:	1024						
Processor Code:	Intel® Atom™ CPU 330 @ 1.60GHz; 533						
Bios at time of test:	LF94510J.86A.0079.2008.0707.0944						
MCFT Memory Count:	1015M						
Max_HDD_Man:							
Max_HDD_Cap:							
Max_HDD_Ser:							
<b>VENDOR CONTACT INFORMATION</b>							
Contact:	Contact Phone:	Purchase Order #:					
Bruce Reilly							
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.xx), XLINEAR® (v x.xx), FXLINEAR® (v x.xx), Patin® (v x.xx), WinMTA® (v x.xx). (Voltage margining applied only to those systems that are applicable.)

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