




# Computer Memory Test Labs Final Report

<u>MOTHERBOARD</u>	<u>MANUFACTURER</u>	<u>CHIPSET</u>	<u>TEST NUMBER</u>	<u>TEST STATUS</u>
DG45FC	Intel	Intel® G45	015516	PASSED

<u>MODULE INFORMATION</u>		<u>Compatibility Ranking Level</u>				
Manufacturer Name: <b>Buffalo</b>	Module ID: <b>BUF243</b>	<table border="1" style="margin: auto;"> <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>D2U800C-1GEJJ</b>						
MB: <b>1GB</b>		Cas Latency: <b>5</b>				
Config: <b>128M x 64</b>		Dual Die Package: <input type="checkbox"/>				
DRAM: <b>Elpida</b>		Env. Code <b>RoHS</b>				
DRAM Part #: <b>E5108AJBG-8E-E rev J</b>		Bank: <b>2</b>				
PCB Part: <b>2DUE28F-AA na</b>		Assembly Type: <b>Single Board/Non Stacked</b>				
PCB_layer_count: <b>6 Layer</b>		<b>DDR2 DIMM</b>				
Module Info: <b>Unbuffered Non-ECC 800Mhz</b>						

<u>SYSTEM INFORMATION</u>	<u>TESTING DETAILS</u>
<b><u>MINIMUM SYSTEM INFORMATION</u></b>	
Minimum System: DG45FC	55°C Temperature: Standard Voltage
Serial Number: AZFC8170002D	Start Date: 6/25/2008
Board Revision: E27730-300	Stop Date: 6/26/2008
Post Memory Count: 1024	Insertion Test:
Processor Code: Intel® 2160, 1.8GHz, 800MHz FSB	SPD Check: Pass
Bios at time of test: IDG4510H.86A.0035	MCFT Min: Pass
MCFT Memory Count: 971M 344K	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>	
Maximum System: DG45FC	OS:
Serial Number: AZFC8170004H	Service Pack:
Board Revision: E27730-300	Test Version: R.S.T PRO v2.81
Post Memory Count: 2048	
Processor Code: Intel® 2160, 1.8GHz, 800MHz FSB	
Bios at time of test: IDG4510H.86A.0035	
MCFT Memory Count: 1979M 344K	
Max_HDD_Man:	
Max_HDD_Cap:	
Max_HDD_Ser:	

<u>VENDOR CONTACT INFORMATION</u>		
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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