




# Computer Memory Test Labs Final Report

<u>MOTHERBOARD</u>	<u>MANUFACTURER</u>	<u>CHIPSET</u>	<u>TEST NUMBER</u>	<u>TEST STATUS</u>
DG31PR	Intel	Intel® G31	016002	PASSED

<u>MODULE INFORMATION</u>		<u>Compatibility Ranking Level</u>				
Manufacturer Name: <b>Buffalo</b>	Module ID: <b>BUF253</b>	<table border="1" style="width: 100px; height: 100px;"> <tr> <td style="text-align: center;"><b>Certified CRL</b></td> <td style="text-align: center;"><b>3</b></td> </tr> <tr> <td style="text-align: center;"></td> <td></td> </tr> </table>	<b>Certified CRL</b>	<b>3</b>		
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Part #: <b>D2U800CX-2GECJ</b>						
MB: <b>2GB</b>		Cas Latency: <b>5</b>				
Config: <b>256M x 64</b>		Dual Die Package: <input type="checkbox"/>				
DRAM: <b>Elpida</b>		Env. Code <b>RoHS</b>				
DRAM Part #: <b>E1108ACBG-8E-E rev C</b>		Bank: <b>2</b>				
PCB Part: <b>2D286NF3-AB</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: DG31PR	55°C Temperature: Standard Voltage
Serial Number: BTPR7270003D	Start Date: 12/11/2008
Board Revision: D97576-200	Stop Date: 12/12/2008
Post Memory Count: 2048MB	Insertion Test:
Processor Code: Intel® P4,3.0GHz,800FSB	SPD Check: Pass
Bios at time of test: PRG3110H.86A.0013.2007.0628.1122	MCFT Min: Pass
MCFT Memory Count: 2034M 856K	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: DG31PR	OS: Windows XP
Serial Number: BTPR7270000N	Service Pack: 2
Board Revision: D97576-200	Test Version: R.S.T PRO v2.81
Post Memory Count: 4096MB	
Processor Code: Intel® P4,3.0GHz,800FSB	
Bios at time of test: PRG3110H.86A.0013.2007.0628.1122	
MCFT Memory Count: 2802M 856K	
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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