

# 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>		<div style="display: flex; justify-content: space-between; align-items: center;"> <span><b>Certified CRL</b></span> <span><b>3</b></span> </div>
Part #: <b>D2U800CX-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>2D286NF3-AB</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: 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>		OS: Windows XP		
Maximum System: DG31PR		Service Pack: 2		
Serial Number: BTPR7270000N		Test Version: R.S.T PRO v2.81		
Board Revision: D97576-200				
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:				
<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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