




# Computer Memory Test Labs Final Report

<u>MOTHERBOARD</u>	<u>MANUFACTURER</u>	<u>CHIPSET</u>	<u>TEST NUMBER</u>	<u>TEST STATUS</u>			
DQ45EK	Intel	Intel® G45	016370	PASSED			
<u>MODULE INFORMATION</u>				<u>Compatibility Ranking Level</u>			
Manufacturer Name: <b>Buffalo</b>		Module ID: <b>BUF242</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>11</b></td> </tr> </table>	<b>Certified CRL</b>		<b>11</b>
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<b>11</b>							
Part #: <b>D2U800C-2GECJ</b>		Cas Latency: <b>5</b>					
MB: <b>2GB</b>		Dual Die Package: <input type="checkbox"/>					
Config: <b>256M x 64</b>		Env. Code <b>RoHS</b>					
DRAM: <b>Elpida</b>		Bank: <b>2</b>					
DRAM Part #: <b>E1108ACBG-8E-E rev C</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>							
<u>SYSTEM INFORMATION</u>		<u>TESTING DETAILS</u>					
<u>MINIMUM SYSTEM INFORMATION</u>		55°C Temperature: Standard Voltage					
Minimum System:	DQ45EK	Start Date:	2/3/2009				
Serial Number:	AZEK8250005H	Stop Date:	2/4/2009				
Board Revision:	E30149-202	Insertion Test:					
Post Memory Count:	2048	SPD Check:	Pass				
Processor Code:	Intel® 2160,1.8GHz,800FSB	MCFT Min:	Pass				
Bios at time of test:	CBQ4510H.86A.0025	MCFT Max:	Pass				
MCFT Memory Count:	1991M 92K	S3 Test:	Pass				
Max_HDD_Man:		Power Cycle Test:	N/A				
Max_HDD_Cap:		Power Cycle Time:					
Max_HDD_Ser:		OS:	N/A				
<u>MAXIMUM SYSTEM INFORMATION</u>		Service Pack:	N/A				
Maximum System:	DQ45EK	Test Version:	R.S.T PRO v2.81				
Serial Number:	AZEK8250000U						
Board Revision:	E30149-202						
Post Memory Count:	4096						
Processor Code:	Intel® 2160,1.8GHz,800FSB						
Bios at time of test:	CBQ4510H.86A.0025						
MCFT Memory Count:	4G 704M						
Max_HDD_Man:							
Max_HDD_Cap:							
Max_HDD_Ser:							
<u>VENDOR CONTACT INFORMATION</u>							
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.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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