

# 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	016487	PASSED
<u>MODULE INFORMATION</u>				<u>Compatibility Ranking Level</u>
Manufacturer Name: <b>Buffalo</b>		Module ID: <b>BUF232</b>		<div style="display: flex; justify-content: space-between;"> <span><b>Certified CRL</b></span> <span><b>7</b></span> </div>
Part #:	<b>D2U800C-1GNBJ</b>			
MB:	<b>1GB</b>			
Config:	<b>128M x 64</b>		Cas Latency: <b>5</b>	
DRAM:	<b>Nanya</b>		Dual Die Package: <input type="checkbox"/>	
DRAM Part #:	<b>NT5TU64M8BE-25C rev B</b>		Env. Code <b>RoHS</b>	
PCB Part:	<b>2DUE28F-AA na</b>		Bank: <b>2</b>	
PCB_layer_count:	<b>6 Layer</b>	Assembly Type: <b>Single Board/Non Stacked</b>		
Module Info:	<b>Unbuffered</b>	<b>Non-ECC</b>	<b>800Mhz</b>	<b>DDR2 DIMM</b>
<u>SYSTEM INFORMATION</u>		<u>TESTING DETAILS</u>		
<u>MINIMUM SYSTEM INFORMATION</u>		55°C Temperature: Standard Voltage		
Minimum System:	DQ45EK	Start Date: 3/16/2009		
Serial Number:	AZEK8250005H	Stop Date: 3/17/2009		
Board Revision:	E30149-202	Insertion Test:		
Post Memory Count:	1024	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:	967M 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:	2048			
Processor Code:	Intel® 2160,1.8GHz,800FSB			
Bios at time of test:	CBQ4510H.86A.0025			
MCFT Memory Count:	1975M 92K			
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.)

[WWW.CMTLABS.COM](http://WWW.CMTLABS.COM)