




# Computer Memory Test Labs Final Report

<u>MOTHERBOARD</u>	<u>MANUFACTURER</u>	<u>CHIPSET</u>	<u>TEST NUMBER</u>	<u>TEST STATUS</u>			
D945GCZ/D945PAW	Intel	Intel D945G Express	014589	PASSED			
<u>MODULE INFORMATION</u>				<u>Compatibility Ranking Level</u>			
Manufacturer Name: <b>Buffalo</b>				<table border="1" style="width: 100%;"> <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>9</b></td> </tr> </table>	<b>Certified CRL</b>		<b>9</b>
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<b>9</b>							
Part #: <b>D2U667C-2GMEJ</b>							
MB: <b>2GB</b>							
Config: <b>256M x 64</b>			Cas Latency: <b>5</b>				
DRAM: <b>Micron</b>			Dual Die Package: <input type="checkbox"/>				
DRAM Part #: <b>MT47H128M8HQ-3 rev E</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 Non-ECC 667Mhz DDR2 DIMM</b>							
<u>SYSTEM INFORMATION</u>		<u>TESTING DETAILS</u>					
<u>MINIMUM SYSTEM INFORMATION</u>							
Minimum System:	D945GCZ/D945PAW	55°C Temperature: Standard Voltage					
Serial Number:	FCCZ51700443	Start Date: 11/9/2007					
Board Revision:	C99567-301	Stop Date: 11/12/2007					
Post Memory Count:	2048	Insertion Test:					
Processor Code:	P4 3.6Ghz 800Mhz	SPD Check: Pass					
Bios at time of test:	NT94510J.86A.4092.2007.0903.0307	MCFT Min: Pass					
MCFT Memory Count	2027M 492K	MCFT Max: Pass					
Max_HDD_Man:		S3 Test: Pass					
Max_HDD_Cap:		Power Cycle Test: N/A					
Max_HDD_Ser:		Power Cycle Time:					
<u>MAXIMUM SYSTEM INFORMATION</u>							
Maximum System:	D945GCZ/D945PAW	OS: Windows XP					
Serial Number:	FCCZ51700453	Service Pack: 2					
Board Revision:	C99567-301	Test Version: RSP PRO V2.71					
Post Memory Count:	4096						
Processor Code:	P4 3.6Ghz 800Mhz						
Bios at time of test:	NT94510J.86A.4092.2007.0903.0307						
MCFT Memory Count	3305M 984K						
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:				
Four 240-pin DDR2 SDRAM DIMM sockets Support for DDR2 667, DDR2 533, or DDR2 400 MHz DIMMs Support for up to 4 GB of system memory			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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