

# Computer Memory Test Labs Final Report

| <u>MOTHERBOARD</u>   | <u>MANUFACTURER</u> | <u>CHIPSET</u>  | <u>TEST NUMBER</u>   | <u>TEST STATUS</u> |
|--|---------------------|---|--|--------------------|
| (DG33BU)/DP35DP/DG33FB   | Intel               | Intel® G33  | 016197   | PASSED             |
| <b>MODULE INFORMATION</b>  |                     |   |  |                    |
| Manufacturer Name: <b>Buffalo</b><br>Part #: <b>D2U800CX-2GHCJ</b><br>MB: <b>2GB</b><br>Config: <b>256M x 64</b><br>DRAM: <b>Hynix</b><br>DRAM Part #: <b>HY5PS1G831CFP-S5 rev C</b><br>PCB Part: <b>2D286NF3-AB</b><br>PCB_layer_count: <b>6 Layer</b><br>Module Info: <b>Unbuffered Non-ECC 800Mhz</b>   |                     |   | Module ID: <b>BUF255</b><br>Cas Latency: <b>5</b><br>Dual Die Package: <input type="checkbox"/><br>Env. Code <b>RoHS</b><br>Bank: <b>2</b><br>Assembly Type: <b>Single Board/Non Stacked</b><br><b>DDR2 DIMM</b> |                    |
|  |                     |   | Compatibility Ranking Level<br><div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>Certified CRL</b><br/> <span style="font-size: 2em; font-weight: bold;">7</span> </div>            |                    |
| <b>SYSTEM INFORMATION</b>  |                     | <b>TESTING DETAILS</b>  |  |                    |
| <b>MINIMUM SYSTEM INFORMATION</b><br>Minimum System: (DG33BU)/DP35DP/DG33FB<br>Serial Number: AZBU71800727<br>Board Revision: D79951-405<br>Post Memory Count: 2048MB<br>Processor Code: Intel® Core™2 Duo,6420,2.13GHz,1066F<br>Bios at time of test: DPP3510J.86A.0297.2007.1022.2244<br>MCFT Memory Count: 2028M 352K<br>Max_HDD_Man:<br>Max_HDD_Cap:<br>Max_HDD_Ser: |                     | 55°C Temperature: Standard Voltage<br>Start Date: 1/12/2009<br>Stop Date: 1/13/2009<br>Insertion Test:<br>SPD Check: Pass<br>MCFT Min: Pass<br>MCFT Max: Pass<br>S3 Test: Pass<br>Power Cycle Test: N/A<br>Power Cycle Time:<br>OS:<br>Service Pack: N/A<br>Test Version: R.S.T PRO v2.81 |  |                    |
| <b>MAXIMUM SYSTEM INFORMATION</b><br>Maximum System: (DG33BU)/DP35DP/DG33FB<br>Serial Number: AZBU718007TN<br>Board Revision: D79951-405<br>Post Memory Count: 8192MB<br>Processor Code: Intel® Core™2 Duo,6420,2.13GHz,1066F<br>Bios at time of test: DPP3510J.86A.0297.2007.1022.2244<br>MCFT Memory Count: 8G 704M<br>Max_HDD_Man:<br>Max_HDD_Cap:<br>Max_HDD_Ser:    |                     |   |  |                    |
| <b>VENDOR CONTACT INFORMATION</b>  |                     |   |  |                    |
| Contact:<br>Bruce Reilly   | Contact Phone:      | Purchase Order #:   |  |                    |
| Test Traveler Notes:   |                     |   | CMTL USE ONLY:   |                    |
|  |                     |   | Verified by:<br><br>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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