




Computer Memory Test Labs Final Report

| <u>MOTHERBOARD</u> | <u>MANUFACTURER</u> | <u>CHIPSET</u> | <u>TEST NUMBER</u> | <u>TEST STATUS</u> | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------------------------|--|--------------------|--|------------------------------------|------------|---|-----------|------------|----------|-----------------|--|------------|------|-----------|------|-----------|------|----------|------|-------------------|-----|-------------------|--|-----|-----|---------------|-----|---------------|-----------------|
| DX48BT2 | Intel | Intel® X48 | 016504 | PASSED | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MODULE INFORMATION | | | | Compatibility Ranking Level | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Name: Buffalo | | Module ID: BUF260 | | <table style="width: 100%;"> <tr> <td style="text-align: center;">Certified</td> <td style="text-align: center;">CRL</td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;">3</td> </tr> </table> | Certified | CRL |  | 3 | | | | | | | | | | | | | | | | | | | | | | |
| Certified | CRL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Part #: D3U1333-S1GHAJ | | Cas Latency: 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MB: 1GB | | Dual Die Package: <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Config: 128M x 64 | | Env. Code RoHS | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAM: Hynix | | Bank: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DRAM Part #: H5TQ1G83AFP-H9C rev A | | Assembly Type: Single Board/Non Stacked | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PCB Part: 3DUA18F-BA | | DDR3 DIMM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PCB_layer_count: 6 Layer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Module Info: Unbuffered | | Non-ECC 1333MHz | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SYSTEM INFORMATION | | TESTING DETAILS | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MINIMUM SYSTEM INFORMATION | | <table style="width: 100%;"> <tr> <td colspan="2">55°C Temperature: Standard Voltage</td> </tr> <tr> <td>Start Date:</td> <td>3/31/2009</td> </tr> <tr> <td>Stop Date:</td> <td>4/1/2009</td> </tr> <tr> <td>Insertion Test:</td> <td></td> </tr> <tr> <td>SPD Check:</td> <td>Pass</td> </tr> <tr> <td>MCFT Min:</td> <td>Pass</td> </tr> <tr> <td>MCFT Max:</td> <td>Pass</td> </tr> <tr> <td>S3 Test:</td> <td>Pass</td> </tr> <tr> <td>Power Cycle Test:</td> <td>N/A</td> </tr> <tr> <td>Power Cycle Time:</td> <td></td> </tr> <tr> <td>OS:</td> <td>N/A</td> </tr> <tr> <td>Service Pack:</td> <td>N/A</td> </tr> <tr> <td>Test Version:</td> <td>RST PRO-3 v2.86</td> </tr> </table> | | | 55°C Temperature: Standard Voltage | | Start Date: | 3/31/2009 | Stop Date: | 4/1/2009 | Insertion Test: | | SPD Check: | Pass | MCFT Min: | Pass | MCFT Max: | Pass | S3 Test: | Pass | Power Cycle Test: | N/A | Power Cycle Time: | | OS: | N/A | Service Pack: | N/A | Test Version: | RST PRO-3 v2.86 |
| 55°C Temperature: Standard Voltage | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Start Date: | 3/31/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stop Date: | 4/1/2009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Insertion Test: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SPD Check: | Pass | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MCFT Min: | Pass | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MCFT Max: | Pass | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S3 Test: | Pass | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Power Cycle Test: | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Power Cycle Time: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OS: | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Service Pack: | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Test Version: | RST PRO-3 v2.86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Minimum System: | DX48BT2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Serial Number: | BQBQ8070001Y | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Board Revision: | E26191-201 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Post Memory Count: | 1024 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Processor Code: | Intel® Core™2 Duo,E8500,3.16GHz,1333 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bios at time of test: | BTX3810J.86A.1893 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MCFT Memory Count: | 1018M 972K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max_HDD_Man: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max_HDD_Cap: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max_HDD_Ser: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAXIMUM SYSTEM INFORMATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maximum System: | DX48BT2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Serial Number: | BQBQ80700011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Board Revision: | E26191-201 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Post Memory Count: | 4096 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Processor Code: | Intel® Core™2 Duo,E8500,3.16GHz,1333 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bios at time of test: | BTX3810J.86A.1893 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MCFT Memory Count: | 5G | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max_HDD_Man: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max_HDD_Cap: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max_HDD_Ser: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VENDOR CONTACT INFORMATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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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