




# Computer Memory Test Labs Final Report

<u>MOTHERBOARD</u>	<u>MANUFACTURER</u>	<u>CHIPSET</u>	<u>TEST NUMBER</u>	<u>TEST STATUS</u>																										
DX58SO	Intel	Intel® X58	015968	PASSED																										
<b>MODULE INFORMATION</b>				<b>Compatibility Ranking Level</b>																										
Manufacturer Name: <b>Buffalo</b>		Module ID: <b>BUF248</b>		<table style="width: 100%;"> <tr> <td style="text-align: center;"><b>Certified</b></td> <td style="text-align: center;"><b>CRL</b></td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;"><b>4</b></td> </tr> </table>	<b>Certified</b>	<b>CRL</b>		<b>4</b>																						
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Part #: <b>D3U1066-S1G/EAJ</b>		Cas Latency: <b>7</b>																												
MB: <b>1GB</b>		Dual Die Package: <input type="checkbox"/>																												
Config: <b>128M x 64</b>		Env. Code <b>RoHS</b>																												
DRAM: <b>Elpida</b>		Bank: <b>1</b>																												
DRAM Part #: <b>J1108BASE-AE-A rev A</b>		<b>Assembly Type: Single Board/Non Stacked</b>																												
PCB Part: <b>3DUA18F-BA</b>																														
PCB_layer_count: <b>6 Layer</b>		<b>DDR3 DIMM</b>																												
Module Info: <b>Unbuffered</b>		<b>Non-ECC 1066MHz</b>																												
<b>SYSTEM INFORMATION</b>		<b>TESTING DETAILS</b>																												
<b>MINIMUM SYSTEM INFORMATION</b>		<table style="width: 100%;"> <tr> <td colspan="2">55°C Temperature: Standard Voltage</td> </tr> <tr> <td>Start Date:</td> <td>11/17/2008</td> </tr> <tr> <td>Stop Date:</td> <td>11/18/2008</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 V2.81</td> </tr> </table>			55°C Temperature: Standard Voltage		Start Date:	11/17/2008	Stop Date:	11/18/2008	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 V2.81
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OS:	N/A																													
Service Pack:	N/A																													
Test Version:	RST PRO V2.81																													
Minimum System:	DX58SO																													
Serial Number:	USSO8410014N																													
Board Revision:	E29331-402																													
Post Memory Count:	1024MB																													
Processor Code:	Intel® CPU 000 @ 2.67GHz, 4.800 GT/s																													
Bios at time of test:	SOX5810J.86A.3044																													
MCFT Memory Count:	971M 740K																													
Max_HDD_Man:																														
Max_HDD_Cap:																														
Max_HDD_Ser:																														
<b>MAXIMUM SYSTEM INFORMATION</b>																														
Maximum System:	DX58SO																													
Serial Number:	USSO833000LE																													
Board Revision:	E29331-402																													
Post Memory Count:	3072MB																													
Processor Code:	Intel® CPU 000 @ 2.67GHz, 4.800 GT/s																													
Bios at time of test:	SOX5810J.86A.3044																													
MCFT Memory Count:	3018M 176K																													
Max_HDD_Man:																														
Max_HDD_Cap:																														
Max_HDD_Ser:																														
<b>VENDOR CONTACT INFORMATION</b>																														
Contact:	Contact Phone:	Purchase Order #:																												
Bruce Reilly		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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