

# Computer Memory Test Labs Final Report

<u>MOTHERBOARD</u>	<u>MANUFACTURER</u>	<u>CHIPSET</u>	<u>TEST NUMBER</u>	<u>TEST STATUS</u>
D945GCLF	Intel	Intel 945G	015200	PASSED
<b>MODULE INFORMATION</b>				<b>Compatibility Ranking Level</b>
Manufacturer Name: <b>Avant Technology</b>		Module ID: <b>AVT230</b>		<div style="display: flex; justify-content: space-between; align-items: center;"> <span><b>Certified CRL</b></span> <span><b>4</b></span> </div>
Part #: <b>AVF6428U52E5667F6-MTBP</b>				
MB: <b>1GB</b>				
Config: <b>128M x 64</b>		Cas Latency: <b>5</b>		
DRAM: <b>Micron</b>		Dual Die Package: <input type="checkbox"/>		
DRAM Part #: <b>MT47H64M8CB-3 rev B</b>		Env. Code <b>RoHS</b>		
PCB Part: <b>B62U838 1.0 rev 1</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>667Mhz</b>	<b>DDR2 DIMM</b>
<b>SYSTEM INFORMATION</b>			<b>TESTING DETAILS</b>	
<b>MINIMUM SYSTEM INFORMATION</b>				
Minimum System: D945GCLF			55°C Temperature: Standard Voltage	
Serial Number: AZLF8110005A			Start Date: 4/28/2008	
Board Revision: E27042-300			Stop Date: 4/29/2008	
Post Memory Count: 1024			Insertion Test:	
Processor Code: Genuine Intel® CPU 230 @ 1.6GHz, 533			SPD Check: Pass	
Bios at time of test: LF94510J.86A.0014.2008.0228.1310			MCFT Min: Pass	
MCFT Memory Count: 1013M 128K			MCFT Max: Pass	
Max_HDD_Man:			S3 Test: Pass	
Max_HDD_Cap:			Power Cycle Test: N/A	
Max_HDD_Ser:			Power Cycle Time:	
<b>MAXIMUM SYSTEM INFORMATION</b>			OS:	
Maximum System: D945GCLF			Service Pack: N/A	
Serial Number: AZLF8110005L			Test Version: MCFT V2.24	
Board Revision: E27042-300				
Post Memory Count: 1024				
Processor Code: Genuine Intel® CPU 230 @ 1.6GHz, 533				
Bios at time of test: LF94510J.86A.0014.2008.0228.1310				
MCFT Memory Count: 1013M 128K				
Max_HDD_Man:				
Max_HDD_Cap:				
Max_HDD_Ser:				
<b>VENDOR CONTACT INFORMATION</b>				
Contact: Dino Roseland		Contact Phone: (512) 491-7411		Purchase Order #: AV0408
Test Traveler Notes:			CMTL USE ONLY:	
533MHz 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)