


# 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	017297	PASSED
<b>MODULE INFORMATION</b>				<b>Compatibility Ranking Level</b>
Manufacturer Name: <b>Kingston</b>		Module ID: <b>KIN297</b>		<div style="display: flex; justify-content: space-between;"> <span><b>Certified CRL</b></span> <span><b>4</b></span> </div> 
Part #:	<b>KVR1333D3N9/4G</b>			
MB:	<b>4GB</b>			
Config:	<b>512M x 64</b>		Cas Latency: <b>9</b>	
DRAM:	<b>Hynix</b>		Dual Die Package: <input type="checkbox"/>	
DRAM Part #:	<b>H5TQ2G83AFR-H9C rev A</b>		Env. Code <b>RoHS</b>	
PCB Part:	<b>2025403-0F1.A00 rev A, R/C B rev 0</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>1333MHz</b>	<b>DDR3 DIMM</b>
<b>SYSTEM INFORMATION</b>		<b>TESTING DETAILS</b>		
<b>MINIMUM SYSTEM INFORMATION</b>				
Minimum System:	DX58SO	55°C Temperature: Standard Voltage		
Serial Number:	USSO833000FT	Start Date:	12/15/2009	
Board Revision:	E29331-402	Stop Date:	12/17/2009	
Post Memory Count:	4096MB	Insertion Test:		
Processor Code:	Intel® CPU 000 @ 3.20GHz, 6.400 GT/s	SPD Check:	Pass	
Bios at time of test:	SOX5810J.86A.4405	MCFT Min:	Pass	
MCFT Memory Count:	4G 512M	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:	N/A	
Maximum System:	DX58SO	Service Pack:	N/A	
Serial Number:	USSO833000LE	Test Version:	R.S.T PRO3 v3.02	
Board Revision:	E29331-402			
Post Memory Count:	12288MB			
Processor Code:	Intel® CPU 000 @ 3.20GHz, 6.400 GT/s			
Bios at time of test:	SOX5810J.86A.4405			
MCFT Memory Count:	12G 512M			
Max_HDD_Man:				
Max_HDD_Cap:				
Max_HDD_Ser:				
<b>VENDOR CONTACT INFORMATION</b>				
Contact:	Contact Phone:	Purchase Order #:		
Mike Mohney	714.424.3976	Mike Mohney		
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.)

[WWW.CMTLABS.COM](http://WWW.CMTLABS.COM)