




# Computer Memory Test Labs : Intel Advanced Final Report

<u>MOTHERBOARD</u>	<u>MANUFACTURER</u>	<u>CHIPSET</u>	<u>TEST NUMBER</u>	<u>TEST STATUS</u>				
SE7320EP2	Intel	Intel E7320	011767	PASSED				
<u>MODULE INFORMATION</u>				<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right;">Certified</td> <td style="text-align: left;">CRL</td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center; font-size: 24px;">4</td> </tr> </table>	Certified	CRL		4
Certified	CRL							
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Manufacturer Name: <b>Kingston</b>		Cas Latency: <b>3</b>						
Part #: <b>KVR400D2S8R3/512I</b>		Assembly: <b>Single Board/Non St</b>						
MB: <b>512MB</b>		Low Profile: <b>Yes</b>						
Config: <b>64M x 72</b>		Register Part #: <b>INSSTU32864-LS03</b>						
DRAM: <b>Elpida</b>		PLL Part #: <b>CDCU877A</b>						
DRAM Part #: <b>E5108AG-5C-E rev G</b>		Dual Die Package Support <input type="checkbox"/> Bank 1						
PCB Part: <b>2025263-001.C00 na</b>		Module Info: <b>Registered ECC 400Mhz DDR2 DIM Environment Code Lead-Free</b>						
PCB_layer_count: <b>6 Layer</b>								
<u>PRE-TESTING INFORMATION</u>		<u>MINIMUM SYSTEM INFORMATION</u>		<u>MAXIMUM SYSTEM INFORMATION</u>				
Board Revision: D11950-302	Minimum System: SE7320EP2	Maximum System: SE7320EP2						
Insertion Test: Pass	Serial Number: QSEP51600165	Serial Number: QSEP51600213						
SPD Status: Pass	Bios at time of test: SE7320EP20.86B.P.04.00.001E	Bios at time of test: SE7320EP20.86B.P.04.00.001E						
Power Cycle Stat: Pass	Processor Code: Xeon 3.6Ghz 800Mhz x 2	Processor Code: Xeon 3.6Ghz 800Mhz x 2						
Power Cycle Time: 50	Memory Count : 1024	Memory Count : 2048						
	Event Log Verify: Clear	Event Log Verify: Clear						
	OS Memory Count: 1GB	OS Memory Count: 2GB						
	OS/Service Pack: Win2003 Server	NA	OS/Service Pack: Win2003 Server	NA				
	Disk Man: Hitachi	Disk Man: Hitachi						
	Disk Capacity: 82.3GB	Disk Capacity: 82.2GB						
	Disk Serial #: S2RJBBVB	Disk Serial #: J2RJ9BMB						
<u>TESTING DETAILS FOR PHASE 1</u>		<u>TESTING DETAILS FOR PHASE 2</u>		<u>TESTING DETAILS FOR PHASE 3</u>				
Ambient Temperature : Standard Voltage		55°C Temperature : 1.69 (- 6 %) Volts		55°C Temperature : 1.90 (+ 6 %) Volts				
Start Date: 7/5/06		Start Date: 7/6/06		Start Date: 7/6/06				
Stop Date: 7/6/06		Stop Date: 7/7/06		Stop Date: 7/7/06				
Min MCFT Test Status: Pass		Min WINPIE Test Status: Pass		Min WINPIE Test Status: Pass				
Max MCFT Test Status: Pass		Max WINPIE Test Status: Pass		Max WINPIE Test Status: Pass				
SEL/Outrider Min:		SEL/Outrider Min: Pass		SEL/Outrider Min: Pass				
SEL/Outrider Max:		SEL/Outrider Max: Pass		SEL/Outrider Max: Pass				
		Summary Min: Pass		Summary Min: Pass				
		Summary Max: Pass		Summary Max: Pass				
Ph1 Package: MCFT 2.24		Ph2 Package1: WinPIE 4.30		Ph3 Package1: WinPIE 4.30				
Test Phase Status: <b>Pass</b>		Test Phase Status: <b>Pass</b>		Test Phase Status: <b>Pass</b>				
Single Bit Errors <input type="checkbox"/>								
QTY:								
<u>VENDOR CONTACT INFORMATION</u>								
Contact: Don Beauchamp		Contact Phone: (714) 435-2662		Purchase Order #:				
Test Traveler Notes:				CMTL USE ONLY:				
VM Data @ EEPROM # 020, 55, 002& 012, 53, 002				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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