




# 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	011888	PASSED				
<u>MODULE INFORMATION</u>				<table border="1" style="width: 100%; border-collapse: collapse;"> <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; font-size: 24px;">5</td> </tr> </table>	Certified	CRL		5
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Manufacturer Name: <b>TRS</b>		Part #: <b>TRS31270X</b>						
MB: <b>2GB</b>		Cas Latency: <b>3</b>						
Config: <b>256M x 72</b>		Assembly: <b>Single Board/Non St</b>						
DRAM: <b>Infineon</b>		Low Profile: <b>Yes</b>						
DRAM Part #: <b>HYB18T1G400AF-5 rev A</b>		Register Part #: <b>PI74SSTUA32864NB</b>						
PCB Part: <b>M0549LA1 rev 1</b>		PLL Part #: <b>PI6CU877NFE</b>						
PCB_layer_count: <b>6 Layer</b>		Dual Die Package Support <input type="checkbox"/> Bank 1						
Module Info: <b>Registered ECC</b>	<b>400Mhz</b>	<b>DDR2 DIM</b>	<b>Environment Code</b>	<b>Lead-Free</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: N/A	Processor Code: Xeon 3.6Ghz 800Mhz x 2	Processor Code: Xeon 3.6Ghz 800Mhz x 2						
Power Cycle Time: 0	Memory Count : 4096	Memory Count : 8192						
	Event Log Verify: Clear	Event Log Verify: Clear						
	OS Memory Count: 4GB	OS Memory Count: 8GB						
	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: 8/2/06	Start Date: 8/3/06	Start Date: 8/3/06						
Stop Date: 8/3/06	Stop Date: 8/4/06	Stop Date: 8/4/06						
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: Guido Ries	Contact Phone: +49 7249 910-380	Purchase Order #: 1.07116.99.360						
Test Traveler Notes:				<u>CMTL USE ONLY:</u>				
VM Data @ EEPROM # 020, 59, 002 & 012, 58, 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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