



# Computer Memory Test Labs

## Intel® Advanced Tested Final Report

MOTHERBOARD	MANUFACTURER	CHIPSET	TEST NUMBER	TEST STATUS
<b>S2400BB</b>	<b>Intel</b>	<b>Intel® C602</b>	<b>022260</b>	<b>PASSED</b>

### MODULE INFORMATION

CMTL Part #: **VCT009**

Manufacturer Name: **V Color Technology**

Manufacturer Part #: **TLR32G36CA9VL-Z8D**

Module Size: **32GB**

Assembly: **JEDEC Stacked Die**

Module Config: **4096M x 72**

Register Part: **IMB02-GS02A**

DRAM Manufacturer: **Hynix**

Environment Code: **RoHS**

DRAM Part #: **H5TC8G43MMR-H9A**

Low Profile: **Yes**

Bank: **4**

PCB Part #: **BC3LRRC**

Dual Die Package Support

PCB Layer Count: **12 Layer**

Module Info: **Load Reduced 1.35V ECC 1333MHz DDR3 DIMM Cas Latency: 9**

### MINIMUM SYSTEM INFORMATION

Minimum System: S2400BB  
 Serial Number: QSBB22600478  
 Bios at time of test: SE5C600.86B.01.06.0002  
 Processor Code: Intel® Xeon® CPU E5-2450 @ 2.10GHz  
 Memory Count: 192GB  
 Event Log Verify: Clear  
 OS Memory Count: 192GB  
 OS/Service Pack: Windows 2008 R2 Enterprise Edition SP1  
 Software Pack: IWVSS 2.3.3 & RMT  
 Disk Manuf: OCZ-SSD 60GB

### MAXIMUM SYSTEM INFORMATION

Maximum System: S2400BB  
 Serial Number: QSBB22601294  
 Bios at time of test: SE5C600.86B.01.06.0002  
 Processor Code: Intel® Xeon® CPU E5-2450 @ 2.10GHz  
 Memory Count: 384GB  
 Event Log Verify: Clear  
 OS Memory Count: 384GB  
 OS/Service Pack: Windows 2008 R2 Enterprise Edition SP1  
 Software Pack: IWVSS 2.3.3 & RMT  
 Disk Manuf: OCZ-SSD 60GB

PRE-TESTING INFORMATION	TESTING DETAILS [- Side]	TESTING DETAILS [+ Side]
Board Revision: G27007-350	Temperature: 40°C	Temperature: 40°C
Insertion Test: Pass	Time: 12Hr	Time: 12Hr
SPD Check: Pass	Start Date: 1/29/14	Start Date: 1/29/14
Speed Check: Pass	Stop Date: 2/3/14	Stop Date: 2/3/14
Power Cycle: Pass	Min IWVSS Test Status: Pass	Min IWVSS Test Status: Pass
Power Cycle Time: 100	Max IWVSS Test Status: Pass	Max IWVSS Test Status: Pass
	SEL Min: Pass	SEL Min: Pass
	SEL Max: Pass	SEL Max: Pass
	Summary Min: Pass	Summary Min: Pass
	Summary Max: Pass	Summary Max: Pass
	Test Phase Status: <b>Pass</b>	Test Phase Status: <b>Pass</b>

**Voltage Margining Info**

Volt %	+/-3%
Volt Low	1.309v & 1.455v
Volt High	1.39v & 1.545v

### **Test Notes:**

Min configuration memory speed ran @ 1067MHz  
 Max configuration memory speed ran @ 1067MHz