Computer Memory Test Labs
Intel® Approved Final Test Report

Manufacturer Name: Ventura Technology Group
Manufacturer Part #: D4-58JN403SV-15
Module Size: 4GB
Module Config: 512M x 72
DRAM Manufacturer: Samsung
DRAM Part #: K4A4G085WD-BCPB rev D
PCB Part #: M393A5143DB0-V09
PCB Layer Count: 6 Layer
Module Info: Registered 1.2V
Assembly: JEDEC Standard/Non-stacked
Register Part: 4RC0D124KC0-ATG
Low Profile: 30mm LP
Environment Code: RoHS
Bank: 1
Low Profile: 30mm LP
Dual Die Package Support

**MODULE INFORMATION**

CMTL Part #: VEN298

<table>
<thead>
<tr>
<th>MOTHERBOARD</th>
<th>MANUFACTURER</th>
<th>CHIPSET</th>
<th>TEST #</th>
<th>TEST STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>S2600WT</td>
<td>Intel</td>
<td>Intel® C612</td>
<td>026365</td>
<td>PASSED</td>
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</table>

**MINIMUM SYSTEM INFORMATION**

- Minimum System: S2600WT
- Serial Number: BQWS42490408
- BIOS at time of test: SE5C610.86B.01.0015
- Processor Code: Intel® Xeon® E5-2690 v4@ 2.60GHz
- Memory Count: 32GB
- Event Log Verify: Clear
- OS Memory Count: 32GB
- OS/Service Pack: Windows 2012 Enterprise Edition 64 R2
- Software Pack: IWVSS 2.6.1.2.13.1.0077
- Disk Manuf: OCZ-SSD 60GB

**MAXIMUM SYSTEM INFORMATION**

- Maximum System: S2600WT
- Serial Number: BQWS42490412
- BIOS at time of test: SE5C610.86B.01.0015
- Processor Code: Intel® Xeon® E5-2690 v4@ 2.60GHz
- Memory Count: 96GB
- Event Log Verify: Clear
- OS Memory Count: 96GB
- OS/Service Pack: Windows 2012 Enterprise Edition 64 R2
- Software Pack: IWVSS 2.6.1.2.13.1.0077
- Disk Manuf: OCZ-SSD 60GB

**PRE-TESTING INFORMATION**

- Board Revision: H40442-001
- Insertion Test: Pass
- SPD Check: Pass
- Speed Check: Pass
- Power Cycle: Pass
- Power Cycle Time: 100

**Voltage Margining Info**

- Volt %: VPP2.5 & VDDQ1.2
- Volt Low: 2.42v & 1.16v
- Volt High: 2.64v & 1.23v

**TESTING DETAILS [ - Side ]**

<table>
<thead>
<tr>
<th>Temperature: 40°C</th>
<th>Time: 12Hr</th>
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<tr>
<td>Start Date:</td>
<td>05/12/2016</td>
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<tr>
<td>Stop Date:</td>
<td>05/19/2016</td>
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<tr>
<td>Min IWVSS Test Status: Pass</td>
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<tr>
<td>Max IWVSS Test Status: Pass</td>
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<tr>
<td>SEL Min: Pass</td>
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**Test Notes:**

- Min configuration memory speed ran @ 2133MHz
- Mid configuration memory speed ran @ 1866MHz; memory count 64GB
- Max configuration memory speed ran @ 1600MHz

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