Computer Memory Test Labs

Intel® Approved Final Test Report

Manufacturer Name: Netlist, Inc.
Manufacturer Part #: NLX517T451071D24P1SE
Module Size: 4GB
Module Config: 512M x 72
DRAM Manufacturer: Samsung
DRAM Part #: K4A4G085WE-BCRC Rev E
PCB Part #: B84RRCD1 HF 1.00
PCB Layer Count: 6 Layer
Module Info: Registered 1.2V
Assembly: JEDEC Single Board/Non Stack
Register Part: iDDR4RCD2-GS01
Environment Code: RoHS-Halogen Free
Low Profile: 30mm LP
Cas Latency: 17
Bank: 1

Temperature: 40°C
Volt %: VPP2.5 & VDDQ1.2
Volt Low: 2.42v & 1.16v
Volt High: 2.64v & 1.23v

Minimum System: S2600WT
Serial Number: BQWS42490408
Bios at time of test: SE5C610.86B.01.01.0016
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: S2600WT
Serial Number: BQWS42490412
Bios at time of test: SE5C610.86B.01.01.0016
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]
Temperature: 40°C
Start Date: 08/25/2016
Stop Date: 08/29/2016
Min IWVSS Test Status: Pass
Max IWVSS Test Status: Pass
SEL Min: Pass
SEL Max: Pass
Summary Min: Pass
Summary Max: Pass
Test Phase Status: Pass

Testing Details [+ Side]
Temperature: 40°C
Start Date: 08/25/2016
Stop Date: 08/29/2016
Min IWVSS Test Status: Pass
Max IWVSS Test Status: Pass
SEL Min: Pass
SEL Max: Pass
Summary Min: Pass
Summary Max: Pass
Test Phase Status: Pass

Test Notes:
Min configuration memory speed ran @ 2400MHz
Mid configuration memory speed ran @ 2133MHz; memory count 64GB
Max configuration memory speed ran @ 1600MHz

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