Computer Memory Test Labs

Intel® Advanced Tested Final Report

Manufacturer Name: Dataram
Manufacturer Part #: DTM68105A
Module Size: 8GB
Module Config: 1024M x 72
DRAM Manufacturer: Micron
DRAM Part #: MT40A512M8HX-093E:A
PCB Part #: 1398A
PCB Layer Count: 8 Layer
Module Info: Registered 1.2V
Assembly: JEDEC Standard
Register Part: M88DDR4RCD01
Environment Code: RoHS
Low Profile: 30 mm LP
Bank: 2
Dual Die Package Support

MODULE INFORMATION

CMTL Part #: DAT703

MEMORY INFORMATION

Memory Count: 64GB
Processor Code: Intel® Xeon® E5-2637 v3 @ 3.50GHz
Event Log Verify: Clear

MEMORY INFORMATION

Memory Count: 192GB
Processor Code: Intel® Xeon® E5-2637 v3 @ 3.50GHz
Event Log Verify: Clear

MINIMUM SYSTEM INFORMATION

Start Date: 9/30/14
Stop Date: 10/7/14
Start Date: 9/30/14
Stop Date: 10/7/14

MAXIMUM SYSTEM INFORMATION

Start Date: 9/30/14
Stop Date: 10/7/14
Start Date: 9/30/14
Stop Date: 10/7/14

TESTING DETAILS [ - Side]

Testing Details [ + Side]

PCB Layer Count: 8 Layer
ECC 2133Mhz DDR4 DIMM Cas Latency: 15

MINIMUM SYSTEM INFORMATION

Maximum System: S2600WT
Serial Number: BQWS42490412
Bios at time of test: SE5C610.86B.01.01.0627
Processor Code: Intel® Xeon® E5-2637 v3 @ 3.50GHz
Memory Count: 192GB
Event Log Verify: Clear
OS Memory Count: 192GB
OS/Service Pack: Windows 2012 Enterprise Edition 64 R2
Software Pack: IWVSS 2.5.3 2.10.1.0073
Disk Manuf: OCZ-SSD 60GB

MAXIMUM SYSTEM INFORMATION

Maximum System: S2600WT
Serial Number: BQWS42490408
Bios at time of test: SE5C610.86B.01.01.0627
Processor Code: Intel® Xeon® E5-2637 v3 @ 3.50GHz
Memory Count: 192GB
Event Log Verify: Clear
OS Memory Count: 192GB
OS/Service Pack: Windows 2012 Enterprise Edition 64 R2
Software Pack: IWVSS 2.5.3 2.10.1.0073
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 & 1.1v
Volt High 2.64v & 1.22v

TESTING DETAILS [- Side]

Temperature: 40°C
Start Date: 9/30/14
Stop Date: 10/7/14
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: 9/30/14
Stop Date: 10/7/14
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 @ 2133MHz
Mid configuration memory speed ran @ 1866MHz, memory count 128GB
Max configuration memory speed ran @ 1600MHz

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