Advanced Validation Labs, Inc.

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Server Memory Compatibility Test Certificate

Test System:	Supermicro X9DAI	Test Result:	Pass

Leveraged System(s): X9DR3-F, X9DRi-F, X9DRW-3F, X9DRW-iF, X9DA7, X9DR7-LN4F, X9DR7-JLN4F, X9DRE-LN4F, X9DRD-7LN4F, X9DRD-7JLN4F, X9DRD-EF, X9DRH-7F, X9DRH-7TF, X9DRH-iF, X9DRH-iTF, X9DRT-HF+, X9DRX+-F, X9DRG-QF

Module Specifications

Rev. 1/13/2015

DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KVR16R11S4/8HB	RDIMM	1.5V	8GB	1Gx72	1600	11	C	SR

DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition
Hynix	H5TC4G43BFR-PBA	4Gb	1024Mx4bit	1438	Inphi	GS02	(1024Mx4)*72

System Configuration

SETUP	System Information
AVL S/N	SN9376
System S/N	UM23S30507
Board Rev. (PBA)	1234567890
CPU Type	Intel E5-2650(IVB) x 2
Chipset	Intel C602
BIOS / Date	3.0a /4/29/2014
BMC / ME	n/a
FRU/SDR	n/a
OS	Red Hat Enterprise Linux 6.2 Kernel 2.6.32
Test Tool	SAT, Memory Stress v1077

Testing Summary

Test Items	Test Description			Test Results
1. Latest BIOS Upgrade & Configuration check	Record memory Size and Speed detection from BIOS			Done
2. SPD Check	DIMM SPD content check for JEDEC compliance			Pass
3. Reset Cycle	1 DIMM Per Channel when applicable			Pass
4a. Memory Stress	DIMM Loading per spec	55°C	8 hours per config	Pass
4b. Memory Benchmark			5 loops per config	Pass
4c. Reset Cycle			200 loops per config	Pass
5. Functional Stress Test			12 hours	Pass

Note:

Memory Module Image

AVL USE ONLY:

Completed by:	Van Nguyen	Completion Date:	12/19/2014	AVL A#	10281	AVL W/O	WD2810

Comments: