



# Advanced Validation Labs, Inc.

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## Server Memory Compatibility Test Certificate

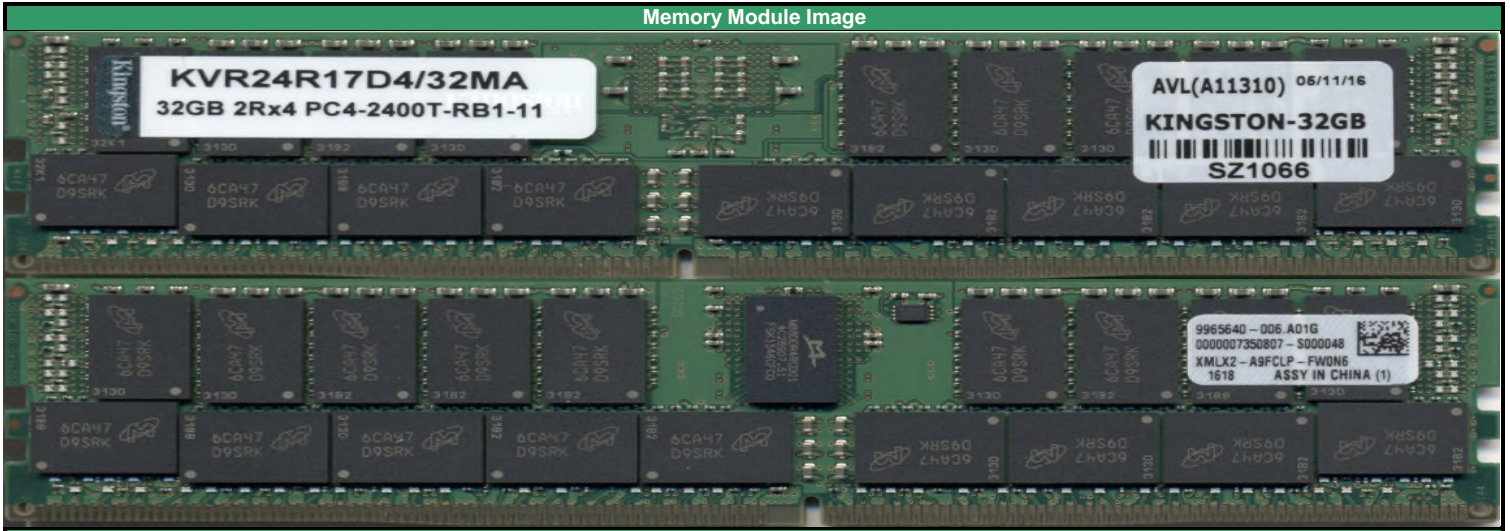
Test System: **Supermicro X10DRL-i** Test Result: **Pass**

Leveraged System(s): X10DRFF / X10DRFF-C / X10DAL-i, X10DRL-T, X10DRL-C, X10DRL-CT, X10DRT-L, X10DRT-LIBQ, X10DRT-LIBF, X10DRT-H, X10DRT-HIBF, 10DRD-i, X10DRD-IT, X10DRD-INT, X10DRD-INTP, X10DRD-ITP, X10DRD-L, X10DRD-LT, X10DRD-LTP

Module Specifications										Rev. 1/13/2015
DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank	
Kingston	KVR24R17D4/32MA	PC4-2400 RDIMM	1.20V	32GB	2Gx72	2400	16	B	DR	
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition			
Micron	MT40A2G4PM-083E:A	8Gb	2048Mx4bit	1606	Montage	C0	(4096x4)*72			

System Configuration	
SETUP	System Information
AVL S/N	SV2270
System S/N	ZM148S022136
Board Rev. (PBA)	1.01
CPU Type	Intel E5-2650 v4 (BDW) x2
Chipset	Intel C612
BIOS / Date	2.0 / 12/18/15
BMC / ME	1.94
FRU/SDR	N/A
OS	Redhat 6.5
Test Tool	SAT, Memory Stress v1078

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	8 hours per config
4b. Memory Benchmark		5 loops per config
4c. Reset Cycle		200 loops per config
5. Functional Stress Test		12 hours
Note:		



AVL USE ONLY:							
Completed by:	Van Nguyen	Completion Date:	10/18/2016	AVL A#	11310	AVL W/O	WD5954