



**Advanced Validation Labs, Inc.**  
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**Intel PCSD Server Memory Compatibility Test Certificate**

Test System: **Intel S2400SC (Swift Current Pass)** Test Result: **Pass**

Leveraged System(s): Intel S2400EP (Eagle Pass)

**Module Information**

DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KVR16LR11D8/8I	RDIMM	1.35V	8GB	1Gx72	1600	11	B	DR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
Hynix	HTC4G83BFR-PBA	4Gb	512Mx8bit	1452	IDT	A	(512Mx8)x2*72		

**Leveraged Memory Modules**

	Vendor	Type	Voltage	CL	Speed	
1	Kingston	KVR16LR11D8K3/24I	RDIMM	1.35V	11	1600
2	Kingston	KVR16LR11D8K4/32I	RDIMM	1.35V	11	1600
3	Kingston	KVR16R11D8/8I	RDIMM	1.5V	11	1600
4	Kingston	KVR16R11D8K3/24I	RDIMM	1.5V	11	1600
5	Kingston	KVR16R11D8K4/32I	RDIMM	1.5V	11	1600
6						

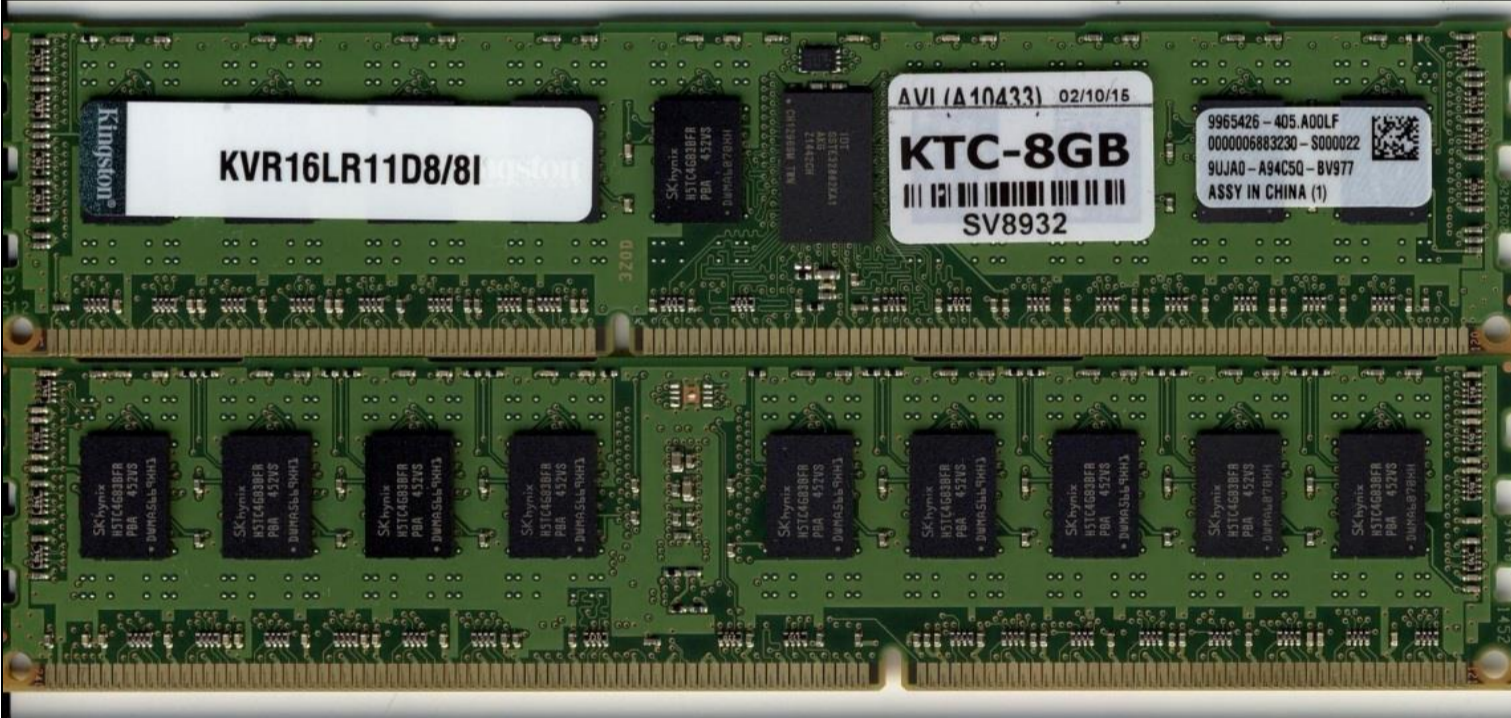
**System Configuration**

SETUP	System #1	System #2
AVL S/N	SN7956	SN7957
System S/N	AZSP14400039	AZSP14400044
Board Rev. (PBA)	G18552-301	
CPU Type	E5-2470 v2 / 2.3 GHz	
Chipset	Intel C602	
BIOS / Date	02.03.0003 / 04/19/2014	
BMC / ME	01.21.6038 / 02.01.07.328	
FUR/SDR	1.10	
OS	Windows 2008 Enterprise R2 64bit SP1	
Test Tool	iWVSS 2.5.3, SELViewer, Pvmode2, Syscfg, WinPIRA, MemPuller	

**Testing Summary**

Test Items	Test Description	Test Results
1. Latest BIOS Upgrade & Configuration check	Record memory Size and Speed detection from BIOS	<b>Done</b>
2. SPD Check	DIMM SPD content check for JEDEC compliance	<b>Pass</b>
3. Memory Stress	Test for 6 hours @ Max and Min Loading	HVDD Hot <b>Pass</b>
4. Memory Stress		HVDD Cold <b>Pass</b>
5. Memory Stress		LVDD Hot <b>Pass</b>
6. Memory Stress		LVDD Cold <b>Pass</b>
Note:		

**Memory Module Image**



**AVL USE ONLY:**

Completed by:	Andy Chang	Completion Date:	03/20/15	AVL A#	A10433	AVL W/O	WD3191
Comments:							

Test Results

4C					
Minimum Loading					
Start Date		3/9/2015			
DIMM Voltage		1.5v			
DIMM	S/N	A	B	C	D
CPU1 A1	SV9015	P	P	P	P
CPU1 B1	SV9016	P	P	P	P
CPU1 C1	SV9017	P	P	P	P
CPU1 C2					
CPU1 D1	SV9018	P	P	P	P
CPU2 E1	SV9019	P	P	P	P
CPU2 F1	SV9034	P	P	P	P
CPU2 F2					

4C					
Maximum Loading					
Start Date		03/11/15			
DIMM Voltage		1.5v			
DIMM	S/N	A	B	C	D
CPU1 A1	SV9021	P	P	P	P
CPU1 B1	SV9022	P	P	P	P
CPU1 C1	SV9023	P	P	P	P
CPU1 C2	SV9024	P	P	P	P
CPU1 D1	SV9025	P	P	P	P
CPU2 E1	SV9026	P	P	P	P
CPU2 F1	SV9027	P	P	P	P
CPU2 F2	SV9035	P	P	P	P

4C					
Minimum Loading					
Start Date		3/11/2015			
DIMM Voltage		1.35v			
DIMM	S/N	E	F	G	H
CPU1 A1	SV9015	P	P	P	P
CPU1 B1	SV9016	P	P	P	P
CPU1 C1	SV9017	P	P	P	P
CPU1 C2					
CPU1 D1	SV9018	P	P	P	P
CPU2 E1	SV9019	P	P	P	P
CPU2 F1	SV9020	P	P	P	P
CPU2 F2					

4C					
Maximum Loading					
Start Date		02/12/15			
DIMM Voltage		1.35v			
DIMM	S/N	E	F	G	H
CPU1 A1	SV9021	P	P	P	P
CPU1 B1	SV9022	P	P	P	P
CPU1 C1	SV9023	P	P	P	P
CPU1 C2	SV9024	P	P	P	P
CPU1 D1	SV9025	P	P	P	P
CPU2 E1	SV9026	P	P	P	P
CPU2 F1	SV9027	P	P	P	P
CPU2 F2	SV9028	P	P	P	P