



Advanced Validation Labs, Inc.

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Intel PCSD Server Memory Compatibility Test Certificate	
Test System: Intel S2600KP (Kennedy Pass)	Test Result: Pass

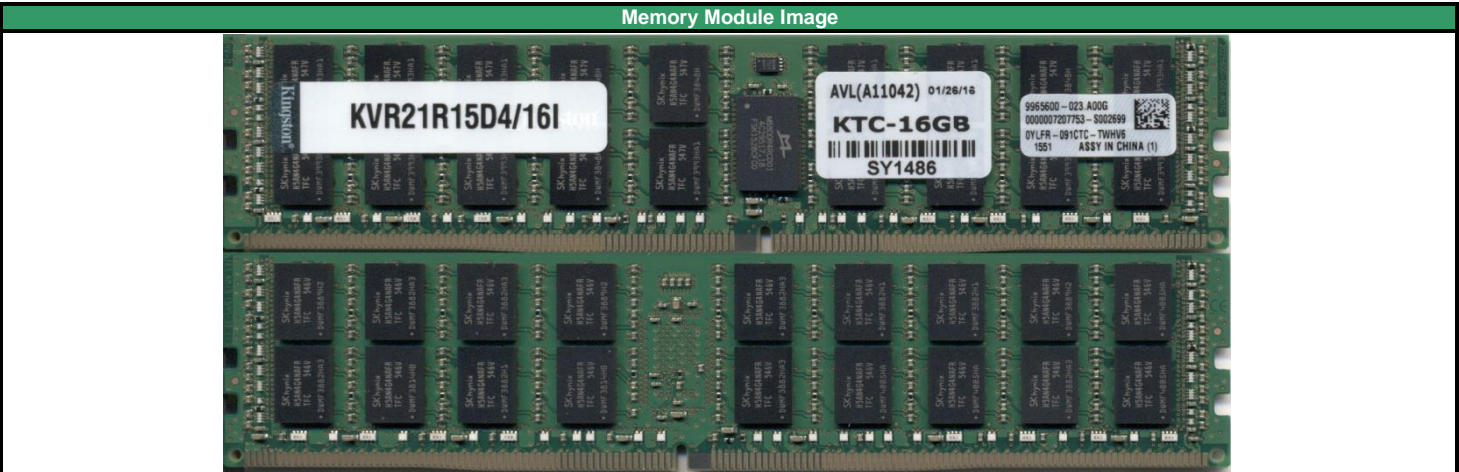
Leveraged System(s): N/A

Modules Information									
DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KVR21R15D4/16L	RDIMM	1.2V	16GB	2Gx72	2133	15	A	DR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
Kingston	H5AN4G4NAFR-TFC	4Gb	1024Mx4bit	1547	Montage	1	(1024Mx4)*2*72		

Leveraged Memory Modules						
Vendor	Type	Voltage	CL	Speed		
1 Kingston	KVR11R15D4K4/64L	RDIMM	1.2V	15	2133	
2						
3						
4						
5						
6						

System Configuration		
SETUP	System #1	System #2
AVL S/N	SU9568	SU9569
System S/N	BQKP42400310 / LVPP	BQKP42400473 / HVPP
Board Rev. (PBA)	H13888-301	
CPU Type	E5-2650 v3 / 2.30 GHz	
Chipset	C610	
BIOS / Date	01.01.0014 / 12-18-2015	
BMC / ME	01.39.9375 / 03.01.03.005	
FUR/SDR	1.09	
OS	Windows Server 2012 R2	
Test Tool	iWVSS 2.6.1, SELViewer, Syscfg, WinPIRA	

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. Memory Stress	Test for 6 hours @ Max and Min Loading	HVDD/HVPP Hot
4. Memory Stress		HVDD/HVPP Cold
5. Memory Stress		LVDD/LVPP Hot
6. Memory Stress		LVDD/LVPP Cold
Note:		



AVL USE ONLY:							
Completed by:	Andy Chang	Completion Date:	02/08/16	AVL A#	A11042	AVL W/O	WD5016
Comments:							

Test Results

4C						
Maximum Loading						
Start Date		2/3/2016				
DIMM Voltage		1.22v				
DIMM VPP		2.64v				
DIMM	S/N	A	B	C	D	
CPU1 A1	SY1512	P	P	P	P	
CPU1 B1	SY1513	P	P	P	P	
CPU1 C1	SY1514	P	P	P	P	
CPU1 D1	SY1515	P	P	P	P	
CPU2 E1	SY1516	P	P	P	P	
CPU2 F1	SY1517	P	P	P	P	
CPU2 G1	SY1518	P	P	P	P	
CPU2 H1	SY1519	P	P	P	P	

4C						
Maximum Loading						
Start Date		2/3/2016				
DIMM Voltage		1.16v				
DIMM VPP		2.422v				
DIMM	S/N	E	F	G	H	
CPU1 A1	SY1504	P	P	P	P	
CPU1 B1	SY1505	P	P	P	P	
CPU1 C1	SY1506	P	P	P	P	
CPU1 D1	SY1507	P	P	P	P	
CPU2 E1	SY1508	P	P	P	P	
CPU2 F1	SY1509	P	P	P	P	
CPU2 G1	SY1510	P	P	P	P	
CPU2 H1	SY1511	P	P	P	P	