



Advanced Validation Labs, Inc.
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Intel PCSD Server Memory Compatibility Test Certificate	
Test System: Intel S2600CW (Cottonwood Pass)	Test Result: Pass

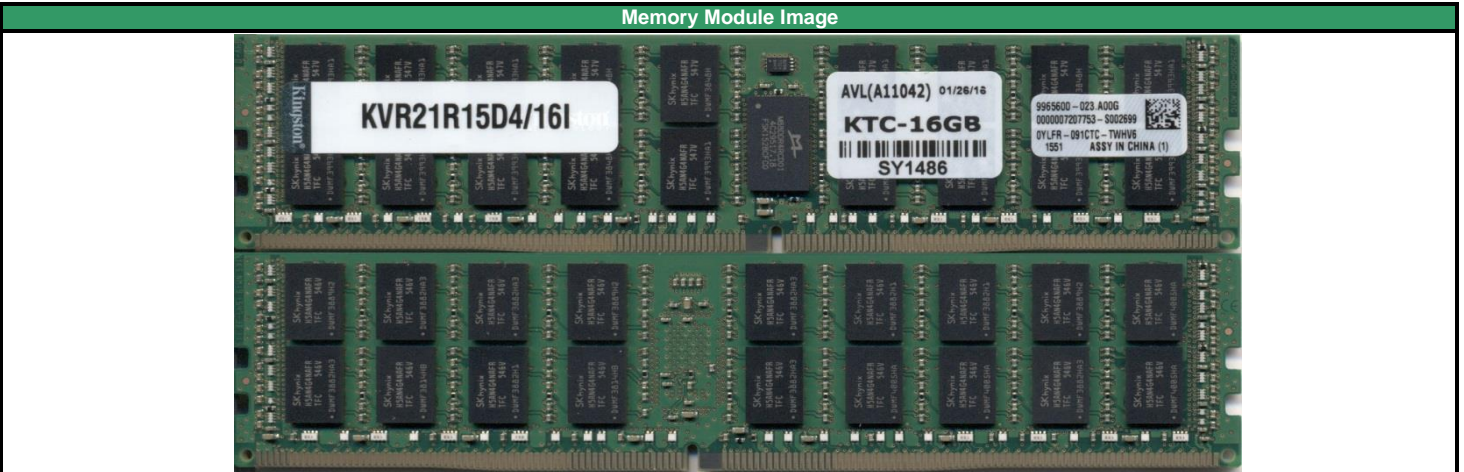
Leveraged System(s): N/A

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	SU9557	SU9556
System S/N	FWCT44150269 / LVPP	FWCT44150034 / HVPP
Board Rev. (PBA)	H44615-202	
CPU Type	E5-2695 v3 / 2.30 GHz	
Chipset	C610	
BIOS / Date	01.01.0014 / 12-18-2015	
BMC / ME	01.33.8932 / 03.01.03.005	
FUR/SDR	1.10	
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 Pass
4. Memory Stress		HVDD/HVPP Cold Pass
5. Memory Stress		LVDD/LVPP Hot Pass
6. Memory Stress		LVDD/LVPP Cold Pass
Note:		



AVL USE ONLY:							
Completed by:	Andy Chang	Completion Date:	02/18/16	AVL A#	A11042	AVL W/O	WD5014
Comments:							

Test Results

4C					
Minimum Loading					
Start Date		2/10/2016			
DIMM Voltage		1.22v / 1.16v			
DIMM VPP		2.64v / 2.422v			
DIMM	S/N	A	B	C	D
CPU1 A1	SY1486	P	P	P	P
CPU1 A2					
CPU1 B1	SY1487	P	P	P	P
CPU1 B2					
CPU1 C1	SY1488	P	P	P	P
CPU1 C2					
CPU1 D1	SY1489	P	P	P	P
CPU1 D2					
CPU2 E1	SY1490	P	P	P	P
CPU2 E2					
CPU2 F1	SY1491	P	P	P	P
CPU2 F2					
CPU2 G1	SY1492	P	P	P	P
CPU2 G2					
CPU2 H1	SY1493	P	P	P	P
CPU2 H2					

4C					
Maximum Loading					
Start Date		02/10/16			
DIMM Voltage		1.22v / 1.16v			
DIMM VPP		2.64v / 2.422v			
DIMM	S/N	A	B	C	D
CPU1 A1	SY1486	P	P	P	P
CPU1 A2	SY1487	P	P	P	P
CPU1 B1	SY1488	P	P	P	P
CPU1 B2	SY1489	P	P	P	P
CPU1 C1	SY1490	P	P	P	P
CPU1 C2	SY1491	P	P	P	P
CPU1 D1	SY1492	P	P	P	P
CPU1 D2	SY1493	P	P	P	P
CPU2 E1	SY1494	P	P	P	P
CPU2 E2	SY1495	P	P	P	P
CPU2 F1	SY1496	P	P	P	P
CPU2 F2	SY1497	P	P	P	P
CPU2 G1	SY1498	P	P	P	P
CPU2 G2	SY1499	P	P	P	P
CPU2 H1	SY1500	P	P	P	P
CPU2 H2	SY1501	P	P	P	P