



Advanced Validation Labs, Inc.

17665B Newhope Street, Fountain Valley, CA 92708 (714) 435-2630



Intel PCSD Server Memory Compatibility Test Certificate	
Test System: Intel S2600CW (Cottonwood Pass)	Test Result: Pass

Leveraged System(s): N/A

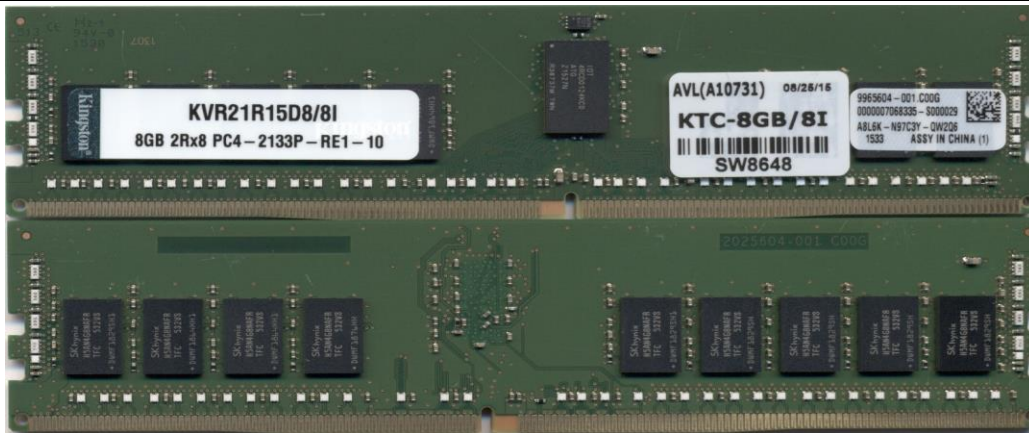
Modules Information									
DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KVR21R15D8/8I	RDIMM	1.2V	8GB	1Gx72	2133	15	E	DR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
Kingston	H5AN4G8NAFR-TFC	4Gb	512Mx8bit	1530	IDT	GS02	(512Mx8)x2*72		

Leveraged Memory Modules						
Vendor	Type	Voltage	CL	Speed		
1 Kingston	KVR21R15D8K4/32I	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	01.01.0009 / 06/01/2015	
BMC / ME	01.28.8586 / 03.00.07.168	
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:		

Memory Module Image



AVL USE ONLY:							
Completed by:	Andy Chang	Completion Date:	09/21/2015	AVL A#	A10731	AVL W/O	WD4060
Comments:							

Test Results

4C					
Minimum Loading					
Start Date		8/25/2015			
DIMM Voltage		1.22v / 1.16v			
DIMM VPP		2.64v / 2.422v			
DIMM	S/N	A	B	C	D
CPU1 A1	SW8648	P	P	P	P
CPU1 A2					
CPU1 B1	SW8649	P	P	P	P
CPU1 B2					
CPU1 C1	SW8650	P	P	P	P
CPU1 C2					
CPU1 D1	SW8651	P	P	P	P
CPU1 D2					
CPU2 E1	SW8652	P	P	P	P
CPU2 E2					
CPU2 F1	SW8653	P	P	P	P
CPU2 F2					
CPU2 G1	SW8654	P	P	P	P
CPU2 G2					
CPU2 H1	SW8655	P	P	P	P
CPU2 H2					

4C					
Maximum Loading					
Start Date		09/03/15			
DIMM Voltage		1.22v / 1.16v			
DIMM VPP		2.64v / 2.422v			
DIMM	S/N	A	B	C	D
CPU1 A1	SW8664	P	P	P	P
CPU1 A2	SW8665	P	P	P	P
CPU1 B1	SW8666	P	P	P	P
CPU1 B2	SW8667	P	P	P	P
CPU1 C1	SW8668	P	P	P	P
CPU1 C2	SW8669	P	P	P	P
CPU1 D1	SW8670	P	P	P	P
CPU1 D2	SW8671	P	P	P	P
CPU2 E1	SW8672	P	P	P	P
CPU2 E2	SW8673	P	P	P	P
CPU2 F1	SW8674	P	P	P	P
CPU2 F2	SW8675	P	P	P	P
CPU2 G1	SW8676	P	P	P	P
CPU2 G2	SW8677	P	P	P	P
CPU2 H1	SW8678	P	P	P	P
CPU2 H2	SW8679	P	P	P	P