



Advanced Validation Labs, Inc.

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Intel PCSD Server Memory Compatibility Test Certificate	
Test System: Intel S2600WT (Wildcat Pass)	Test Result: Pass

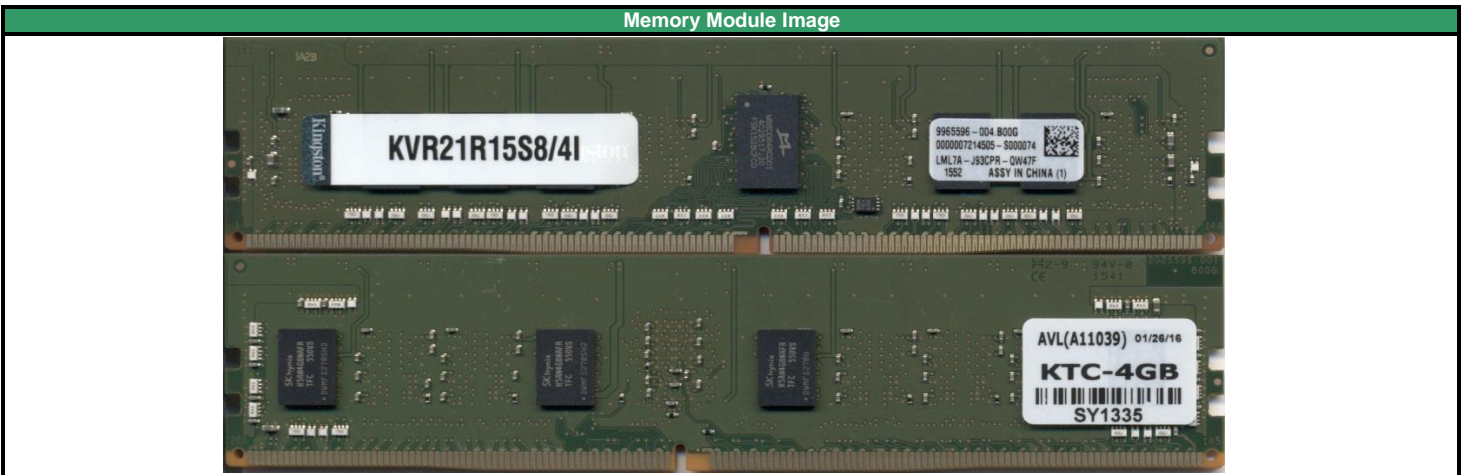
Leveraged System(s):N/A

Modules Information									
DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KVR21R15S8/4I	RDIMM	1.2V	4GB	512Mx72	2133	15	D	SR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
Kingston	H5AN4G8NAFR-TFC	4Gb	512Mx8bit	1550	Montage	1	(512Mx8)*72		

Leveraged Memory Modules						
Vendor	Type	Voltage	CL	Speed		
1 Kingston	KVR21R15S8K4/16I	RDIMM	1.2V	15	2133	
2						
3						
4						
5						
6						

System Configuration		
SETUP	System #1	System #2
AVL S/N	SV2346	SV2347
System S/N	BQWL42200131 / LVPP	BQWL42200377 / HVPP
Board Rev. (PBA)	G92187-300	
CPU Type	E5-2637 v3 / 3.50 GHz	
Chipset	C610	
BIOS / Date	01.01.0014 / 12-18-2015	
BMC / ME	01.33.8932 / 03.01.03.005	
FUR/SDR	1.08	
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
6. Power Cycle	Test each corner for 50 cycle in room temp	Pass
Note:		



AVL USE ONLY:							
Completed by:	Andy Chang	Completion Date:	03/21/16	AVL A#	A11039	AVL W/O	WD4991
Comments:							

Test Results

4C						
Minimum Loading						
Start Date		2/24/2016				
DIMM Voltage		1.22v / 1.16v				
DIMM VPP		2.64v / 2.422v				
DIMM	S/N	A	B	C	D	
CPU1 A1	SY1343	P	P	P	P	
CPU1 A2						
CPU1 A3						
CPU1 B1	SY1344	P	P	P	P	
CPU1 B2						
CPU1 B3						
CPU1 C1	SY1345	P	P	P	P	
CPU1 C2						
CPU1 C3						
CPU1 D1	SY1346	P	P	P	P	
CPU1 D2						
CPU1 D3						
CPU2 E1	SY1347	P	P	P	P	
CPU2 E2						
CPU2 E3						
CPU2 F1	SY1348	P	P	P	P	
CPU2 F2						
CPU2 F3						
CPU2 G1	SY1349	P	P	P	P	
CPU2 G2						
CPU2 G3						
CPU2 H1	SY1350	P	P	P	P	
CPU2 H2						
CPU2 H3						
AC Power Cycling						
50 AC Cycles/corner		P	P	P	P	

4C						
Middle Loading						
Start Date		02/23/16				
DIMM Voltage		1.22v / 1.16v				
DIMM VPP		2.64v / 2.422v				
DIMM	S/N	A	B	C	D	
CPU1 A1	SY1335	P	P	P	P	
CPU1 A2	SY1336	P	P	P	P	
CPU1 A3						
CPU1 B1	SY1337	P	P	P	P	
CPU1 B2	SY1338	P	P	P	P	
CPU1 B3						
CPU1 C1	SY1339	P	P	P	P	
CPU1 C2	SY1340	P	P	P	P	
CPU1 C3						
CPU1 D1	SY1341	P	P	P	P	
CPU1 D2	SY1342	P	P	P	P	
CPU1 D3						
CPU2 E1	SY1343	P	P	P	P	
CPU2 E2	SY1344	P	P	P	P	
CPU2 E3						
CPU2 F1	SY1345	P	P	P	P	
CPU2 F2	SY1346	P	P	P	P	
CPU2 F3						
CPU2 G1	SY1347	P	P	P	P	
CPU2 G2	SY1348	P	P	P	P	
CPU2 G3						
CPU2 H1	SY1349	P	P	P	P	
CPU2 H2	SY1350	P	P	P	P	
CPU2 H3						
AC Power Cycling						
50 AC Cycles/corner		P	P	P	P	

4C						
Maximum Loading						
Start Date		2/22/2016				
DIMM Voltage		1.22v				
DIMM VPP		2.64v / 2.422v				
DIMM	S/N	A	B	C	D	
CPU1 A1	SY1335	P	P	P	P	
CPU1 A2	SY1336	P	P	P	P	
CPU1 A3	SY1337	P	P	P	P	
CPU1 B1	SY1338	P	P	P	P	
CPU1 B2	SY1339	P	P	P	P	
CPU1 B3	SY1340	P	P	P	P	
CPU1 C1	SY1341	P	P	P	P	
CPU1 C2	SY1342	P	P	P	P	
CPU1 C3	SY1343	P	P	P	P	
CPU1 D1	SY1344	P	P	P	P	
CPU1 D2	SY1345	P	P	P	P	
CPU1 D3	SY1346	P	P	P	P	
CPU2 E1	SY1347	P	P	P	P	
CPU2 E2	SY1348	P	P	P	P	
CPU2 E3	SY1349	P	P	P	P	
CPU2 F1	SY1350	P	P	P	P	
CPU2 F2	SY1351	P	P	P	P	
CPU2 F3	SY1352	P	P	P	P	
CPU2 G1	SY1353	P	P	P	P	
CPU2 G2	SY1354	P	P	P	P	
CPU2 G3	SY1355	P	P	P	P	
CPU2 H1	SY1356	P	P	P	P	
CPU2 H2	SY1357	P	P	P	P	
CPU2 H3	SY1358	P	P	P	P	
AC Power Cycling						
50 AC Cycles/corner		P	P	P	P	