



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	KVR21R15S4/8L	RDIMM	1.2V	8GB	1Gx72	2133	15	C	SR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
Kingston	H5AN4G4NAFR-TFC	4Gb	1024Mx4bit	1547	Montage	1	(1024Mx4)*72		

Leveraged Memory Modules

Vendor	Type	Voltage	CL	Speed
1 Kingston	KVR11R15S4K4/32L	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:		

Memory Module Image



AVL USE ONLY:

Completed by:	Andy Chang	Completion Date:	02/25/16	AVL A#	A11041	AVL W/O	WD5000
Comments:							

Test Results

4C						
Minimum Loading						
Start Date		2/22/2016				
DIMM Voltage		1.22v / 1.16v				
DIMM VPP		2.64v / 2.422v				
DIMM	S/N	A	B	C	D	
CPU1 A1	SY1461	P	P	P	P	
CPU1 A2						
CPU1 B1	SY1462	P	P	P	P	
CPU1 B2						
CPU1 C1	SY1463	P	P	P	P	
CPU1 C2						
CPU1 D1	SY1464	P	P	P	P	
CPU1 D2						
CPU2 E1	SY1465	P	P	P	P	
CPU2 E2						
CPU2 F1	SY1466	P	P	P	P	
CPU2 F2						
CPU2 G1	SY1467	P	P	P	P	
CPU2 G2						
CPU2 H1	SY1468	P	P	P	P	
CPU2 H2						

4C						
Maximum Loading						
Start Date		02/22/16				
DIMM Voltage		1.22v / 1.16v				
DIMM VPP		2.64v / 2.422v				
DIMM	S/N	A	B	C	D	
CPU1 A1	SY1436	P	P	P	P	
CPU1 A2	SY1437	P	P	P	P	
CPU1 B1	SY1438	P	P	P	P	
CPU1 B2	SY1439	P	P	P	P	
CPU1 C1	SY1440	P	P	P	P	
CPU1 C2	SY1441	P	P	P	P	
CPU1 D1	SY1442	P	P	P	P	
CPU1 D2	SY1443	P	P	P	P	
CPU2 E1	SY1444	P	P	P	P	
CPU2 E2	SY1445	P	P	P	P	
CPU2 F1	SY1446	P	P	P	P	
CPU2 F2	SY1447	P	P	P	P	
CPU2 G1	SY1448	P	P	P	P	
CPU2 G2	SY1449	P	P	P	P	
CPU2 H1	SY1450	P	P	P	P	
CPU2 H2	SY1451	P	P	P	P	