



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): S2600C2S,S2600CW,S2600CW2,S2600CW2R,S2600CW2SR,S2600CWT,S2600CWTR,S2600CWTS,S2600CWTSR

Modules Information

DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KVR24R17S8/4I	RDIMM	1.2V	4GB	512Mx72	2400	17	D	SR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
Micron	MT40A512M8RH-083E:B	4Gb	512Mx8bit	1608	IDT	A	(512Mx8)*72		

Leveraged Memory Modules

Vendor	Type	Voltage	CL	Speed
1 Kingston	KVR24R17S8K4/16I	RDIMM	1.2V	15 2400
2				
3				
4				
5				
6				

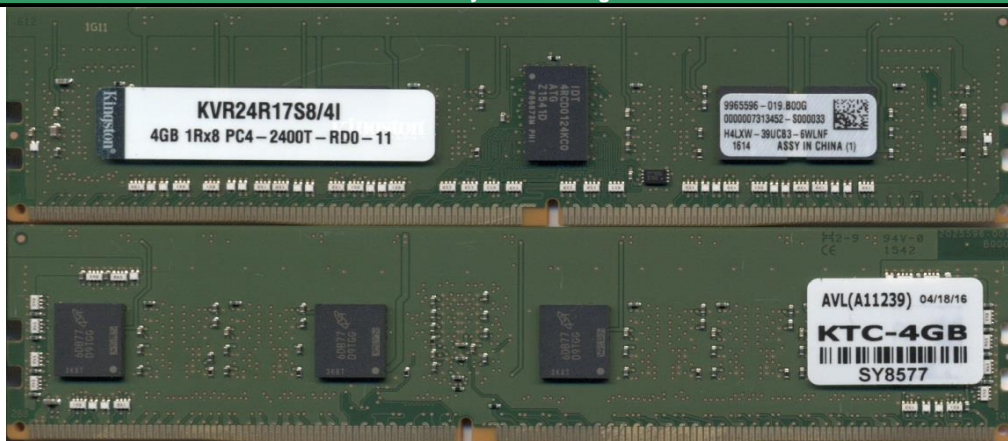
System Configuration

SETUP	System #1	System #2
AVL S/N	SU9557	SU9556
System S/N	FWCT44150269 / LVPP	FWCT44150034 / HVPP
Board Rev. (PBA)	H44615-350	
CPU Type	E5-2680 v4 / 2.40 GHz	
Chipset	C610	
BIOS / Date	01.01.0015 / 01-28-2016	
BMC / ME	01.43.9685 / 03.01.03.021	
FUR/SDR	1.11	
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:	05/13/2016	AVL A#	A11239	AVL W/O	WD5800
Comments:							

Test Results

4C						
Minimum Loading						
Start Date		5/9/2016				
DIMM Voltage		1.22v / 1.16v				
DIMM VPP		2.64v / 2.422v				
DIMM	S/N	A	B	C	D	
CPU1 A1	SY8609	P	P	P	P	
CPU1 A2						
CPU1 B1	SY8610	P	P	P	P	
CPU1 B2						
CPU1 C1	SY8611	P	P	P	P	
CPU1 C2						
CPU1 D1	SY8612	P	P	P	P	
CPU1 D2						
CPU2 E1	SY8613	P	P	P	P	
CPU2 E2						
CPU2 F1	SY8614	P	P	P	P	
CPU2 F2						
CPU2 G1	SY8615	P	P	P	P	
CPU2 G2						
CPU2 H1	SY8616	P	P	P	P	
CPU2 H2						

4C						
Maximum Loading						
Start Date		05/09/16				
DIMM Voltage		1.22v / 1.16v				
DIMM VPP		2.64v / 2.422v				
DIMM	S/N	A	B	C	D	
CPU1 A1	SY8577	P	P	P	P	
CPU1 A2	SY8578	P	P	P	P	
CPU1 B1	SY8579	P	P	P	P	
CPU1 B2	SY8580	P	P	P	P	
CPU1 C1	SY8581	P	P	P	P	
CPU1 C2	SY8582	P	P	P	P	
CPU1 D1	SY8583	P	P	P	P	
CPU1 D2	SY8584	P	P	P	P	
CPU2 E1	SY8585	P	P	P	P	
CPU2 E2	SY8586	P	P	P	P	
CPU2 F1	SY8587	P	P	P	P	
CPU2 F2	SY8588	P	P	P	P	
CPU2 G1	SY8589	P	P	P	P	
CPU2 G2	SY8590	P	P	P	P	
CPU2 H1	SY8591	P	P	P	P	
CPU2 H2	SY8592	P	P	P	P	