



### Advanced Validation Labs, Inc.

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Intel PCSD Server Memory Compatibility Test Certificate	
Test System: <b>Intel S2600CW (Cottonwood Pass)</b>	Test Result: <b>Pass</b>

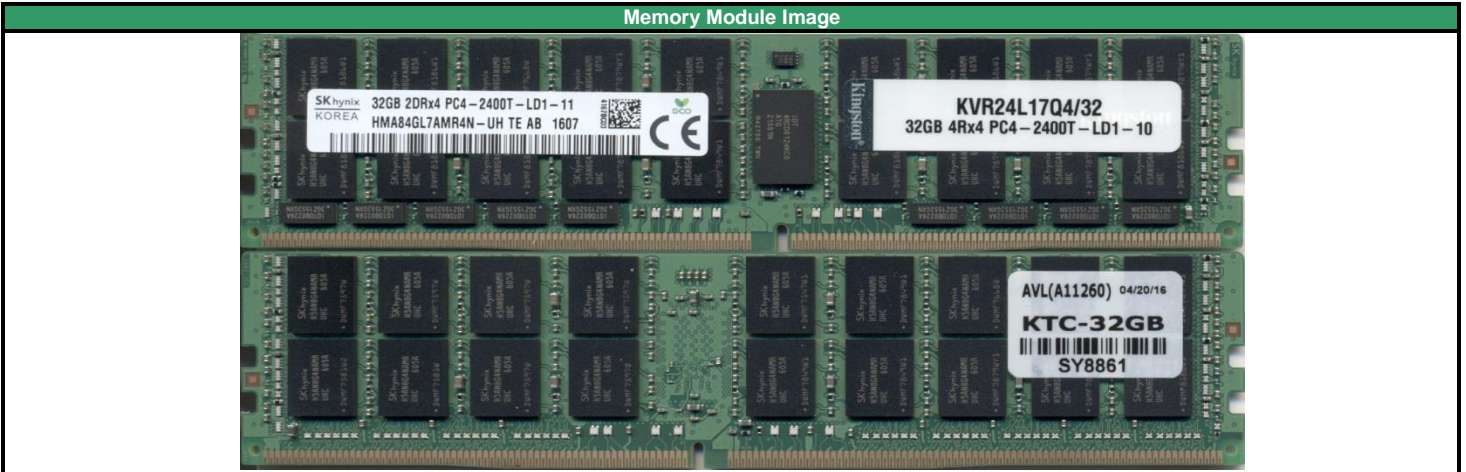
Leveraged System(s): S2600C2S,S2600CW,S2600CW2,S2600CW2R,S2600CW2SR,S2600CWT,S2600CWTR,S2600CWTS,S2600CWTSR

Modules Information									
DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KVR24L17Q4/32I	RDIMM	1.2V	32GB	4Gx72	2400	17	D	QR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
Hynix	H5AN8G4NAMR-UHC	4Gb	2X1024Mx4bit	1605	IDT	A	(1024Mx4)*4*72		

Leveraged Memory Modules						
Vendor	Type	Voltage	CL	Speed		
1 Kingston	KVR24L17Q4K4/128I	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
4. Memory Stress		HVDD/HVPP Cold
5. Memory Stress		LVDD/LVPP Hot
6. Memory Stress		LVDD/LVPP Cold
Note:		



AVL USE ONLY:							
Completed by:	Andy Chang	Completion Date:	05/31/2016	AVL A#	A11260	AVL W/O	WD5816
Comments:							

Test Results

4C						
Minimum Loading						
Start Date		5/18/2016				
DIMM Voltage		1.22v / 1.16v				
DIMM VPP		2.64v / 2.422v				
DIMM	S/N	A	B	C	D	
CPU1 A1	SY8861	P	P	P	P	
CPU1 A2						
CPU1 B1	SY8862	P	P	P	P	
CPU1 B2						
CPU1 C1	SY8863	P	P	P	P	
CPU1 C2						
CPU1 D1	SY8864	P	P	P	P	
CPU1 D2						
CPU2 E1	SY8865	P	P	P	P	
CPU2 E2						
CPU2 F1	SY8866	P	P	P	P	
CPU2 F2						
CPU2 G1	SY8867	P	P	P	P	
CPU2 G2						
CPU2 H1	SY8868	P	P	P	P	
CPU2 H2						

4C						
Maximum Loading						
Start Date		05/18/16				
DIMM Voltage		1.22v / 1.16v				
DIMM VPP		2.64v / 2.422v				
DIMM	S/N	A	B	C	D	
CPU1 A1	SY8886	P	P	P	P	
CPU1 A2	SY8887	P	P	P	P	
CPU1 B1	SY8888	P	P	P	P	
CPU1 B2	SY8889	P	P	P	P	
CPU1 C1	SY8890	P	P	P	P	
CPU1 C2	SY8891	P	P	P	P	
CPU1 D1	SY8892	P	P	P	P	
CPU1 D2	SY8893	P	P	P	P	
CPU2 E1	SY8894	P	P	P	P	
CPU2 E2	SY8895	P	P	P	P	
CPU2 F1	SY8896	P	P	P	P	
CPU2 F2	SY8897	P	P	P	P	
CPU2 G1	SY8898	P	P	P	P	
CPU2 G2	SY8899	P	P	P	P	
CPU2 H1	SY8900	P	P	P	P	
CPU2 H2	SY8901	P	P	P	P	