



### Advanced Validation Labs, Inc.

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Intel PCSD Server Memory Compatibility Test Certificate	
Test System: <b>Intel S2600KP (Kennedy Pass)</b>	Test Result: <b>Pass</b>

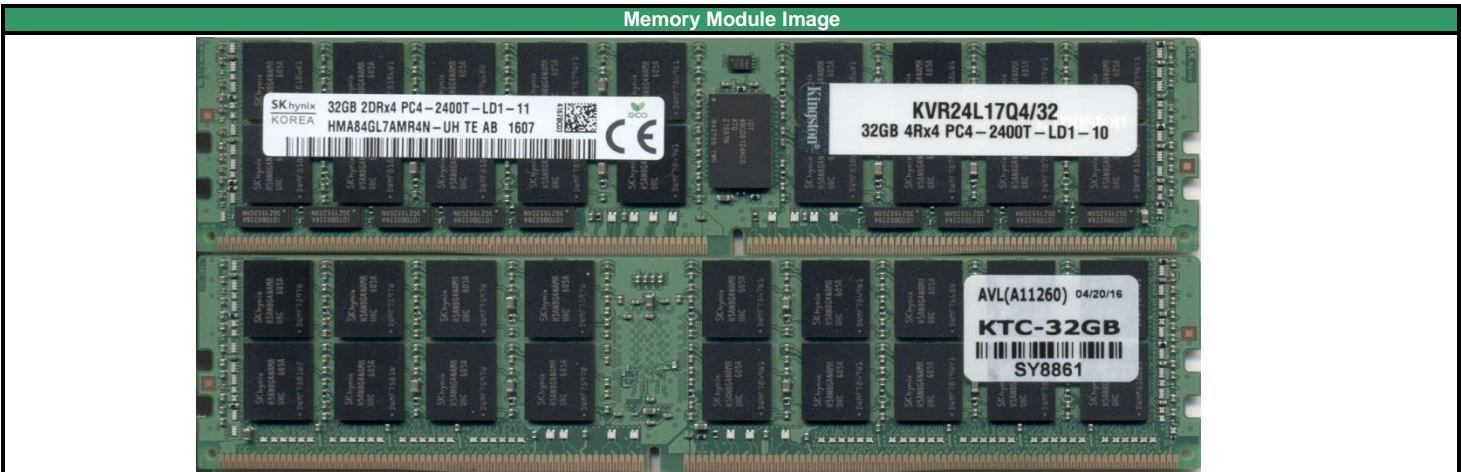
Leveraged System(s): H2216xxKR2,H2312xxKR2,HNS2600KP,HNS2600KPF,HNS2600KPF,R,HNS2600KPR,S2600KP,S2600KPF,S2600KPF,R,S2600KPR,S2600KPT,S2600KPTR

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	SU9568	SU9569
System S/N	BQKP42400310 / LVPP	BQKP42400473 / HVPP
Board Rev. (PBA)	H13888-301	
CPU Type	E5-2660 v4 / 2.0 GHz	
Chipset	C610	
BIOS / Date	01.01.0015 / 01-28-2016	
BMC / ME	01.43.9685 / 03.01.03.021	
FUR/SDR	1.13	
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:		



AVL USE ONLY:							
Completed by:	Andy Chang	Completion Date:	05/06/2016	AVL A#	A11260	AVL W/O	WD5823
Comments:							

Test Results

4C						
Maximum Loading						
Start Date		5/2/2016				
DIMM Voltage		1.22v				
DIMM VPP		2.64v				
DIMM	S/N	A	B	C	D	
CPU1 A1	SY8869	P	P	P	P	
CPU1 B1	SY8870	P	P	P	P	
CPU1 C1	SY8871	P	P	P	P	
CPU1 D1	SY8872	P	P	P	P	
CPU2 E1	SY8873	P	P	P	P	
CPU2 F1	SY8874	P	P	P	P	
CPU2 G1	SY8875	P	P	P	P	
CPU2 H1	SY8876	P	P	P	P	

4C						
Maximum Loading						
Start Date		5/2/2016				
DIMM Voltage		1.16v				
DIMM VPP		2.422v				
DIMM	S/N	E	F	G	H	
CPU1 A1	SY8861	P	P	P	P	
CPU1 B1	SY8862	P	P	P	P	
CPU1 C1	SY8863	P	P	P	P	
CPU1 D1	SY8864	P	P	P	P	
CPU2 E1	SY8865	P	P	P	P	
CPU2 F1	SY8866	P	P	P	P	
CPU2 G1	SY8867	P	P	P	P	
CPU2 H1	SY8868	P	P	P	P	