



Advanced Validation Labs, Inc.

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Intel PCSD Server Memory Compatibility Test Certificate	
Test System: Intel S2600TP (Taylor Pass)	Test Result: Pass

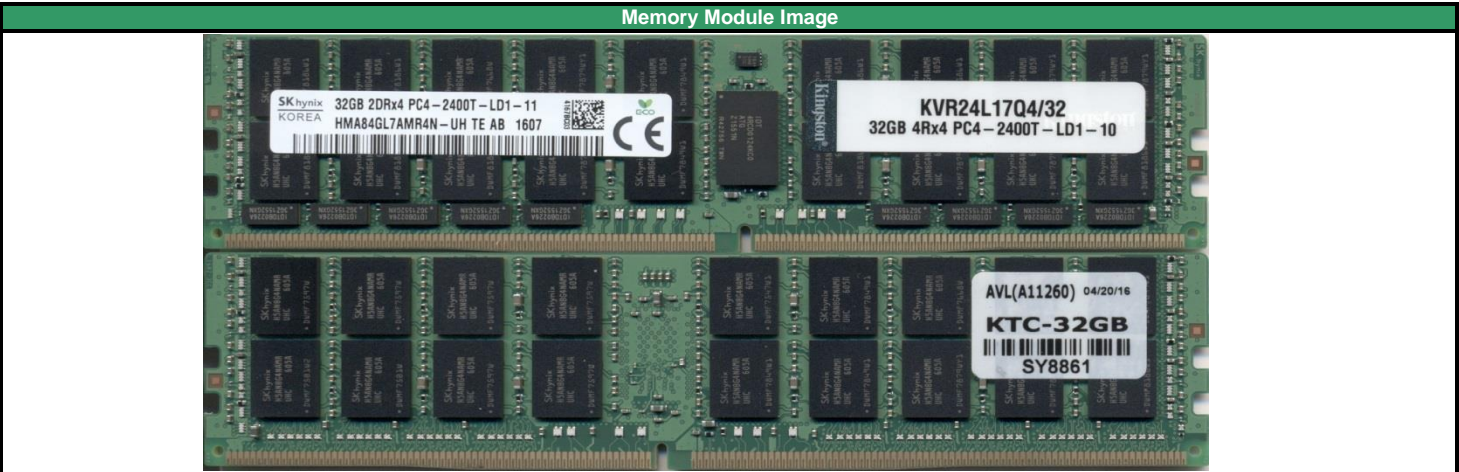
Leveraged System(s): S2600TPNR, HNS2600TP, HNS2600TP24R, HNS2600TP24SR, HNS2600TPF, HNS2600TPFR, HNS2600TPNR, HNS2600TPR, S2600TP, S2600TPF, S2600TPFR, S2600TPR

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	SU9574	SU9575
System S/N	BQTP42700005 / LVPP	BQTP42700200 / HVPP
Board Rev. (PBA)	H26989-202	
CPU Type	E5-2690 v4 / 2.60 GHz	
Chipset	C610	
BIOS / Date	01.01.0015 / 01-28-2016	
BMC / ME	01.43.9685 / 03.01.03.021	
FUR/SDR	1.14	
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:	05/31/16	AVL A#	A11260	AVL W/O	WD5817
Comments:							

Test Results

4C					
Minimum Loading					
Start Date		5/23/2016			
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		05/23/16			
DIMM Voltage		1.22v / 1.16v			
DIMM VPP		2.64v / 2.422v			
DIMM	S/N	A	B	C	D
CPU1 A1	SY8869	P	P	P	P
CPU1 A2	SY8870	P	P	P	P
CPU1 B1	SY8871	P	P	P	P
CPU1 B2	SY8872	P	P	P	P
CPU1 C1	SY8873	P	P	P	P
CPU1 C2	SY8874	P	P	P	P
CPU1 D1	SY8875	P	P	P	P
CPU1 D2	SY8876	P	P	P	P
CPU2 E1	SY8877	P	P	P	P
CPU2 E2	SY8878	P	P	P	P
CPU2 F1	SY8879	P	P	P	P
CPU2 F2	SY8880	P	P	P	P
CPU2 G1	SY8881	P	P	P	P
CPU2 G2	SY8882	P	P	P	P
CPU2 H1	SY8883	P	P	P	P
CPU2 H2	SY8884	P	P	P	P