



Advanced Validation Labs, Inc.

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

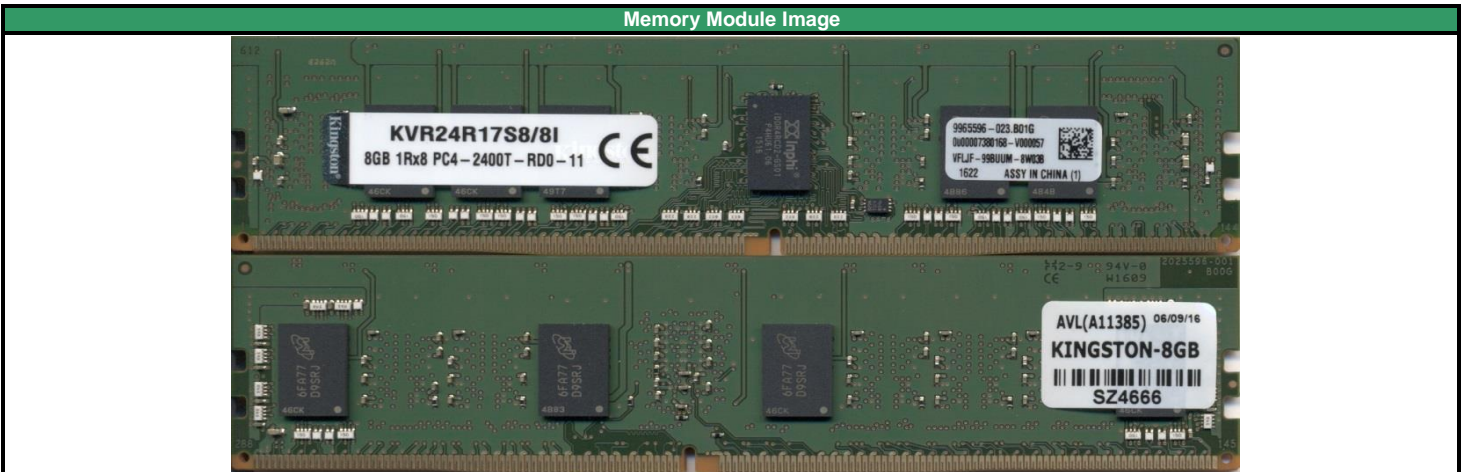
Leveraged System(s): S2600TPNR, HNS2600TP, HNS2600TP24R, HNS2600TP24SR, HNS2600TPF, HNS2600TPFR, HNS2600TPNR, HNS2600TPR, S2600TP, S2600TPF, S2600TPFR, S2600TPR

Modules Information									
DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KVR24R17S8/8I	RDIMM	1.2V	8GB	1Gx72	2400	17	D	DR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
Micron	MT40A1G8PM-083E:A	8Gb	1024Mx8bit	1612	Inphi	B00G	(1024Mx8)x2*72		

Leveraged Memory Modules						
Vendor	Type	Voltage	CL	Speed		
1 Kingston	KVR24R17S8K4/32I	RDIMM	1.2V	17	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:	07/30/16	AVL A#	A11385	AVL W/O	WD6193
Comments:							

Test Results

4C						
Minimum Loading						
Start Date		7/14/2016				
DIMM Voltage		1.22v / 1.16v				
DIMM VPP		2.64v / 2.422v				
DIMM	S/N	A	B	C	D	
CPU1 A1	SZ4692	P	P	P	P	
CPU1 A2						
CPU1 B1	SZ4693	P	P	P	P	
CPU1 B2						
CPU1 C1	SZ4694	P	P	P	P	
CPU1 C2						
CPU1 D1	SZ4695	P	P	P	P	
CPU1 D2						
CPU2 E1	SZ4696	P	P	P	P	
CPU2 E2						
CPU2 F1	SZ4697	P	P	P	P	
CPU2 F2						
CPU2 G1	SZ4698	P	P	P	P	
CPU2 G2						
CPU2 H1	SZ4699	P	P	P	P	
CPU2 H2						

4C						
Maximum Loading						
Start Date		07/14/16				
DIMM Voltage		1.22v / 1.16v				
DIMM VPP		2.64v / 2.422v				
DIMM	S/N	A	B	C	D	
CPU1 A1	SZ4692	P	P	P	P	
CPU1 A2	SZ4693	P	P	P	P	
CPU1 B1	SZ4694	P	P	P	P	
CPU1 B2	SZ4695	P	P	P	P	
CPU1 C1	SZ4696	P	P	P	P	
CPU1 C2	SZ4697	P	P	P	P	
CPU1 D1	SZ4698	P	P	P	P	
CPU1 D2	SZ4699	P	P	P	P	
CPU2 E1	SZ4667	P	P	P	P	
CPU2 E2	SZ4668	P	P	P	P	
CPU2 F1	SZ4669	P	P	P	P	
CPU2 F2	SZ4670	P	P	P	P	
CPU2 G1	SZ4671	P	P	P	P	
CPU2 G2	SZ4672	P	P	P	P	
CPU2 H1	SZ4673	P	P	P	P	
CPU2 H2	SZ4674	P	P	P	P	