



Advanced Validation Labs, Inc.

17665B Newhope Street, Fountain Valley, CA 92708 (714) 435-2630



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

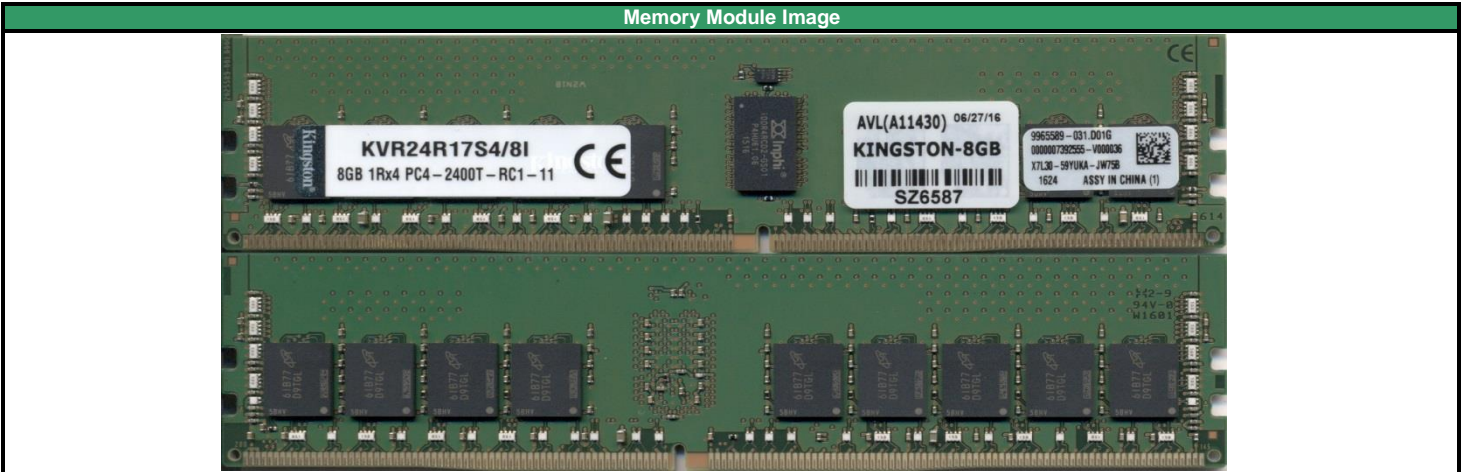
Leveraged System(s): S2600TPNR, HNS2600TP, HNS2600TP24R, HNS2600TP24SR, HNS2600TPF, HNS2600TPFR, HNS2600TPNR, HNS2600TPR, S2600TP, S2600TPF, S2600TPFR, S2600TPR

Modules Information									
DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KVR24R17S4/8I	RDIMM	1.2V	8GB	1Gx72	2400	17	C	SR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
Micron	MT40A1G4RH-083E:B	4Gb	1024Mx4bit	1618	Inphi	GS01	(1024Mx4)*72		

Leveraged Memory Modules						
Vendor	Type	Voltage	CL	Speed		
1 Kingston	KVR24R17S4K4/32I	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 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:	07/16/16	AVL A#	A11430	AVL W/O	WD6303
Comments:							

Test Results

4C					
Minimum Loading					
Start Date		7/6/2016			
DIMM Voltage		1.22v / 1.16v			
DIMM VPP		2.64v / 2.422v			
DIMM	S/N	A	B	C	D
CPU1 A1	SZ6620	P	P	P	P
CPU1 A2					
CPU1 B1	SZ6621	P	P	P	P
CPU1 B2					
CPU1 C1	SZ6622	P	P	P	P
CPU1 C2					
CPU1 D1	SZ6623	P	P	P	P
CPU1 D2					
CPU2 E1	SZ6624	P	P	P	P
CPU2 E2					
CPU2 F1	SZ6625	P	P	P	P
CPU2 F2					
CPU2 G1	SZ6626	P	P	P	P
CPU2 G2					
CPU2 H1	SZ6627	P	P	P	P
CPU2 H2					

4C					
Maximum Loading					
Start Date		07/06/16			
DIMM Voltage		1.22v / 1.16v			
DIMM VPP		2.64v / 2.422v			
DIMM	S/N	A	B	C	D
CPU1 A1	SZ6612	P	P	P	P
CPU1 A2	SZ6613	P	P	P	P
CPU1 B1	SZ6614	P	P	P	P
CPU1 B2	SZ6615	P	P	P	P
CPU1 C1	SZ6616	P	P	P	P
CPU1 C2	SZ6617	P	P	P	P
CPU1 D1	SZ6618	P	P	P	P
CPU1 D2	SZ6619	P	P	P	P
CPU2 E1	SZ6620	P	P	P	P
CPU2 E2	SZ6621	P	P	P	P
CPU2 F1	SZ6622	P	P	P	P
CPU2 F2	SZ6623	P	P	P	P
CPU2 G1	SZ6624	P	P	P	P
CPU2 G2	SZ6625	P	P	P	P
CPU2 H1	SZ6626	P	P	P	P
CPU2 H2	SZ6627	P	P	P	P