



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

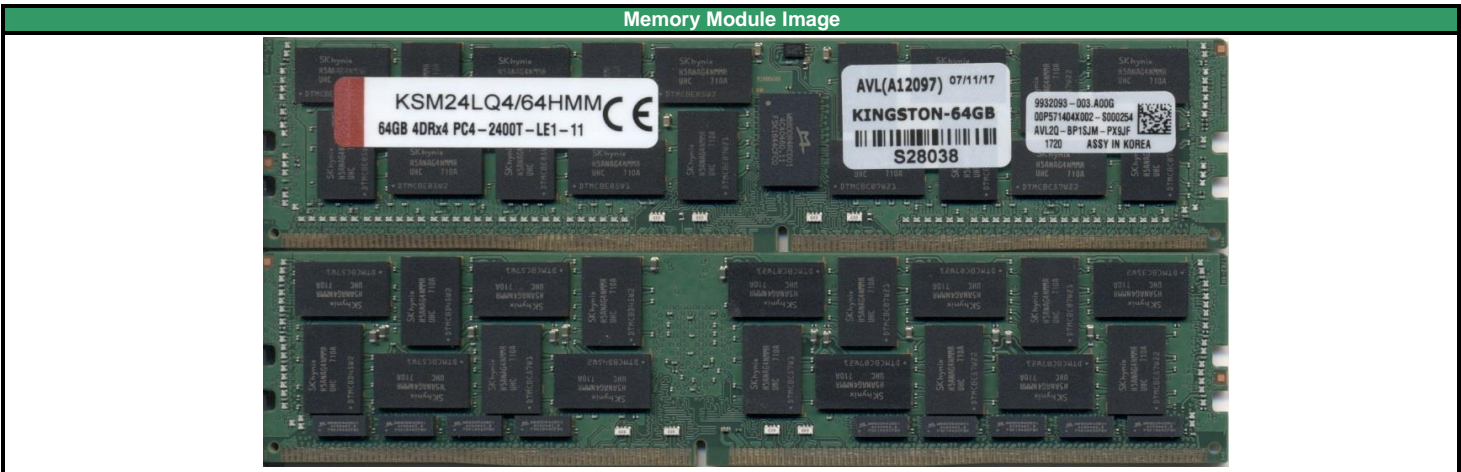
Leveraged System(s): S2600TPNR, HNS2600TP, HNS2600TP24R, HNS2600TP24SR, HNS2600TPF, HNS2600TPFR, HNS2600TPNR, HNS2600TPR, S2600TP, S2600TPF, S2600TPFR, S2600TPR

Modules Information									
DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KSM24LQ4/64HMM	RDIMM	1.2V	64GB	8Gx72	2400	17	E	QR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
SK Hynix	H5ANAG4HMMR-UHC	8Gb	2X2048Mx4bit	1710	Montage	1	2X(2048Mx4)*4*72		

Leveraged Memory Modules						
Vendor			Type	Voltage	CL	Speed
1						
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:	08/10/2017	AVL A#	A12097	AVL W/O	WD8205
Comments:							

Test Results

4C					
Minimum Loading					
Start Date					
DIMM Voltage		1.22v / 1.16v			
DIMM VPP		2.64v / 2.422v			
DIMM	S/N	A	B	C	D
CPU1 A1	S28006	P	P	P	P
CPU1 A2					
CPU1 B1	S28007	P	P	P	P
CPU1 B2					
CPU1 C1	S28008	P	P	P	P
CPU1 C2					
CPU1 D1	S28009	P	P	P	P
CPU1 D2					
CPU2 E1	S28031	P	P	P	P
CPU2 E2					
CPU2 F1	S28032	P	P	P	P
CPU2 F2					
CPU2 G1	S28033	P	P	P	P
CPU2 G2					
CPU2 H1	S28034	P	P	P	P
CPU2 H2					

4C					
Maximum Loading					
Start Date					
DIMM Voltage		1.22v / 1.16v			
DIMM VPP		2.64v / 2.422v			
DIMM	S/N	A	B	C	D
CPU1 A1	S28006	P	P	P	P
CPU1 A2	S28007	P	P	P	P
CPU1 B1	S28008	P	P	P	P
CPU1 B2	S28009	P	P	P	P
CPU1 C1	S28010	P	P	P	P
CPU1 C2	S28011	P	P	P	P
CPU1 D1	S28012	P	P	P	P
CPU1 D2	S28013	P	P	P	P
CPU2 E1	S28014	P	P	P	P
CPU2 E2	S28015	P	P	P	P
CPU2 F1	S28016	P	P	P	P
CPU2 F2	S28017	P	P	P	P
CPU2 G1	S28018	P	P	P	P
CPU2 G2	S28019	P	P	P	P
CPU2 H1	S28020	P	P	P	P
CPU2 H2	S28021	P	P	P	P