



Advanced Validation Labs, Inc.

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



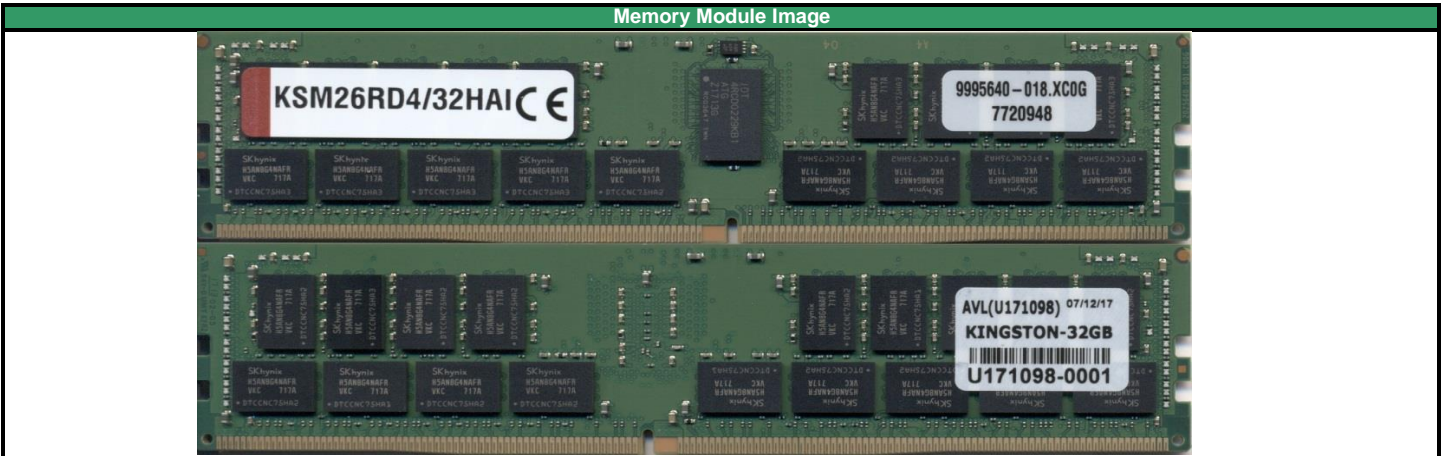
Intel PCSD Server Memory Compatibility Test Certificate	
Test System: Intel S2600WF (Wolf Pass)	Test Result: Pass

Leveraged System(s):N/A

Modules Information									
DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KSM26RD4/32HAI	RDIMM	1.2V	32GB	2Gx72	2666	19	B	DR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
Kingston	H5AN8G4NAFR-VKC	8Gb			2048Mx4bit		1717		IDT B (2048Mx4)*2*72

System Configuration		
SETUP	System #1	System #2
AVL S/N	WP390	WP305
System S/N	BQWF71100390	BQWF71100305
Board Rev. (PBA)	H87179-710	
CPU Type	E5-2690 v4 / 2.60 GHz	
Chipset	C610	
BIOS	0X.01.0008	
BMC / ME	1.02 / 04.00.03.211	
FUR/SDR	1.02	
OS	Windows Server 2012 R2	
Test Tool	iVVSS 2.7.0, 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:		AVL A#	U171098	AVL W/O	WF0162
Comments:							

Test Results

4C					
Minimum Loading					
Start Date		7/21/2017			
DIMM Voltage		1.22v / 1.16v			
DIMM	S/N	A	B	C	D
CPU1 A1	0013	P	P	P	P
CPU1 A2					
CPU1 B1	0014	P	P	P	P
CPU1 B2					
CPU1 C1	0015	P	P	P	P
CPU1 C2					
CPU1 D1	0016	P	P	P	P
CPU1 D2					
CPU2 E1	0017	P	P	P	P
CPU2 E2					
CPU2 F1	0018	P	P	P	P
CPU2 F2					
CPU2 G1	0019	P	P	P	P
CPU2 G2					
CPU2 H1	0020	P	P	P	P
CPU2 H2					
CPU2 I1	0021	P	P	P	P
CPU2 I2					
CPU2 J1	0022	P	P	P	P
CPU2 J2					
CPU2 K1	0023	P	P	P	P
CPU2 K2					
CPU2 L1	0024	P	P	P	P
CPU2 L2					

4C					
Maximum Loading					
Start Date		07/21/17			
DIMM Voltage		1.22v / 1.16v			
DIMM	S/N	A	B	C	D
CPU1 A1	0025	P	P	P	P
CPU1 A2	0026	P	P	P	P
CPU1 B1	0027	P	P	P	P
CPU1 B2	0028	P	P	P	P
CPU1 C1	0029	P	P	P	P
CPU1 C2	0030	P	P	P	P
CPU1 D1	0031	P	P	P	P
CPU1 D2	0032	P	P	P	P
CPU2 E1	0033	P	P	P	P
CPU2 E2	0034	P	P	P	P
CPU2 F1	0035	P	P	P	P
CPU2 F2	0036	P	P	P	P
CPU2 G1	0037	P	P	P	P
CPU2 G2	0038	P	P	P	P
CPU2 H1	0039	P	P	P	P
CPU2 H2	0040	P	P	P	P
CPU2 I1	0041	P	P	P	P
CPU2 I2	0042	P	P	P	P
CPU2 J1	0043	P	P	P	P
CPU2 J2	0044	P	P	P	P
CPU2 K1	0045	P	P	P	P
CPU2 K2	0046	P	P	P	P
CPU2 L1	0047	P	P	P	P
CPU2 L2	0048	P	P	P	P