



### Advanced Validation Labs, Inc.

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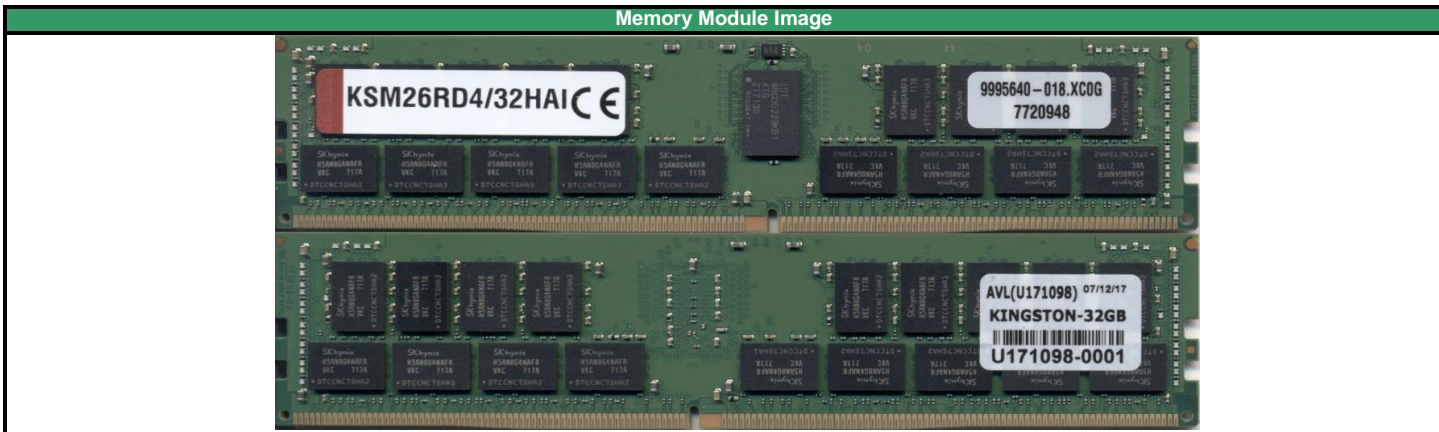
Intel PCSD Server Memory Compatibility Test Certificate	
Test System: <b>Intel S2600ST (SawTooth Pass)</b>	Test Result: <b>Pass</b>

Leveraged System(s): BBS2600STQ,S2600ST,S2600STB,S2600STQ

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	B1	(2048Mx4)*2*72		

System Configuration		
SETUP	System #1	System #2
AVL S/N	H170061-001	H170061-002
System S/N	FWSP71420190	FWSP71420144
Board Rev. (PBA)	J17012-400	
CPU Type	E5-2690 v4 / 2.60 GHz	
Chipset	C610	
BIOS	0X.01.0008	
BMC / ME	1.02 / 04.00.03.211	
FUR/SDR	1.01	
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	<b>Done</b>
2. SPD Check	DIMM SPD content check for JEDEC compliance	<b>Pass</b>
3. Memory Stress	Test for 6 hours @ Max and Min Loading	HVDD Hot <b>Pass</b>
4. Memory Stress		HVDD Cold <b>Pass</b>
5. Memory Stress		LVDD Hot <b>Pass</b>
6. Memory Stress		LVDD Cold <b>Pass</b>
Note:		



AVL USE ONLY:							
Completed by:	Andy Chang	Completion Date:	09/28/17	AVL A#	U171098	AVL W/O	WF0226
Comments:							

## Test Results

4C					
Minimum Loading					
Start Date		9/6/2017			
DIMM Voltage		1.22v / 1.16v			
DIMM	S/N	A	B	C	D
CPU1 A1	0009	P	P	P	P
CPU1 A2					
CPU1 B1	0010	P	P	P	P
CPU1 C1	0011	P	P	P	P
CPU1 D1	0012	P	P	P	P
CPU1 D2					
CPU2 E1	0013	P	P	P	P
CPU2 F1	0014	P	P	P	P
CPU2 G1	0009	P	P	P	P
CPU2 G2					
CPU2 H1	0010	P	P	P	P
CPU2 I1	0011	P	P	P	P
CPU2 J1	0012	P	P	P	P
CPU2 J2					
CPU2 K1	0013	P	P	P	P
CPU2 L1	0014	P	P	P	P

4C					
Maximum Loading					
Start Date		09/06/17			
DIMM Voltage		1.22v / 1.16v			
DIMM	S/N	A	B	C	D
CPU1 A1	0001	P	P	P	P
CPU1 A2	0002	P	P	P	P
CPU1 B1	0003	P	P	P	P
CPU1 C1	0004	P	P	P	P
CPU1 D1	0005	P	P	P	P
CPU1 D2	0006	P	P	P	P
CPU2 E1	0007	P	P	P	P
CPU2 F1	0008	P	P	P	P
CPU2 G1	0001	P	P	P	P
CPU2 G2	0002	P	P	P	P
CPU2 H1	0003	P	P	P	P
CPU2 I1	0004	P	P	P	P
CPU2 J1	0005	P	P	P	P
CPU2 J2	0006	P	P	P	P
CPU2 K1	0007	P	P	P	P
CPU2 L1	0008	P	P	P	P