



Advanced Validation Labs, Inc.

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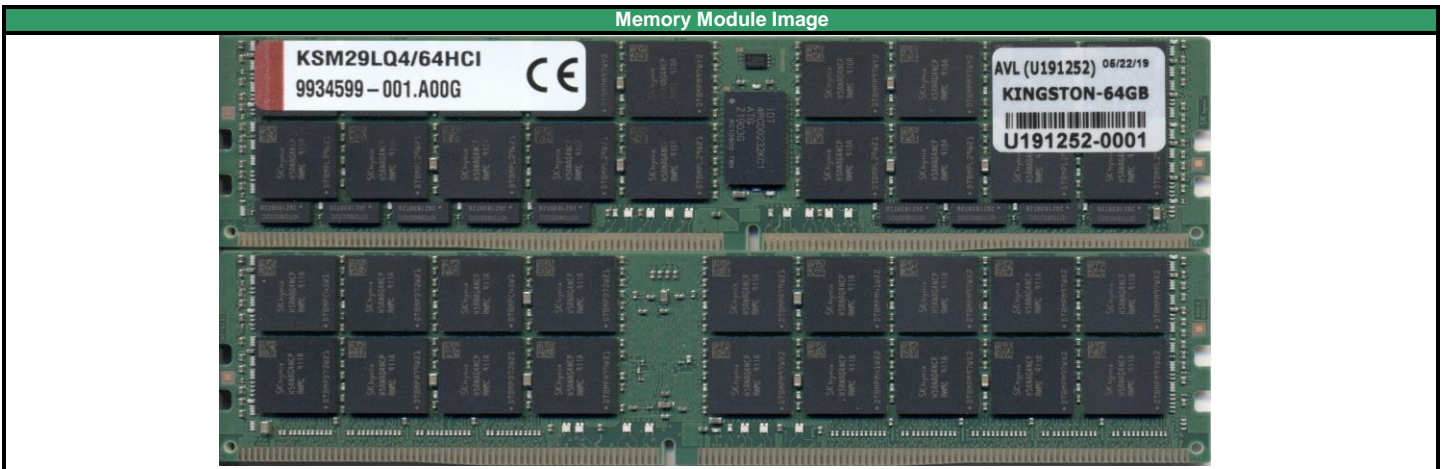
Intel PCSD Server Memory Compatibility Test Certificate	
Test System: Intel S2600BP (Buchanan Pass)	Test Result: Pass

Leveraged System(s): BBS2600BPB,BBS2600BPQ,BBS2600BPS,HNS2600BPB,HNS2600BPB24,HNS2600BPQ,HNS2600BPQ24,HNS2600BPS,HNS2600BPS24,S2600BP

Modules Information										
DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank	
Kingston	KSM29LQ4/64HCL	LRDIMM	1.2V	64GB	8Gx72	2933	21	D2	QR	
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code		Register Vendor / Rev.		DIMM Composition				
SK Hynix	H5ANAG4NCPR-WMC	8Gb		2048Mx4bit		1910		IDT	C1	(2048Mx4)*4*72

System Configuration		
SETUP	System #1	System #2
AVL S/N	H170047-003	H170047-004
System S/N	QSBP83210875	QSBP83210819
Board Rev. (PBA)	H87926-553	
CPU Type	Intel CLX 2.20 GHz	
Chipset	Intel 62X Series	
BIOS	01.0261	
BMC / ME	1.83 / 04.01.03.237	
FUR/SDR	1.38	
OS	Windows Server 2016 Standard	
Test Tool	iWVSS 2.8.0, 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 Hot	Pass
4. Memory Stress		HVDD Cold	Pass
5. Memory Stress		LVDD Hot	Pass
6. Memory Stress		LVDD Cold	Pass
Note:			



AVL USE ONLY:

Completed by:	Andy Chang	Completion Date:	07/08/2019	AVL A#	U191252	AVL W/O	WF2482
Comments:							

Test Results

4C Minimum Loading						
Start Date	6/3/2019					
DIMM Voltage	1.22v / 1.16v					
DIMM	S/N	A	B	C	D	
CPU1 A1	52-012	P	P	P	P	
CPU1 A2						
CPU1 B1	52-013	P	P	P	P	
CPU1 C1	52-014	P	P	P	P	
CPU1 D1	52-015	P	P	P	P	
CPU1 D2						
CPU1 E1	52-016	P	P	P	P	
CPU1 F1	52-017	P	P	P	P	
CPU2 G1	53-019	P	P	P	P	
CPU2 G2						
CPU2 H1	53-020	P	P	P	P	
CPU2 I1	53-021	P	P	P	P	
CPU2 J1	53-022	P	P	P	P	
CPU2 J2						
CPU2 K1	53-023	P	P	P	P	
CPU2 L1	53-024	P	P	P	P	

4C Maximum Loading						
Start Date	06/03/19					
DIMM Voltage	1.22v / 1.16v					
DIMM	S/N	A	B	C	D	
CPU1 A1	52-001	P	P	P	P	
CPU1 A2	52-002	P	P	P	P	
CPU1 B1	52-003	P	P	P	P	
CPU1 C1	52-004	P	P	P	P	
CPU1 D1	52-005	P	P	P	P	
CPU1 D2	52-006	P	P	P	P	
CPU1 E1	52-007	P	P	P	P	
CPU1 F1	52-008	P	P	P	P	
CPU2 G1	53-001	P	P	P	P	
CPU2 G2	53-002	P	P	P	P	
CPU2 H1	53-003	P	P	P	P	
CPU2 I1	53-004	P	P	P	P	
CPU2 J1	53-005	P	P	P	P	
CPU2 J2	53-006	P	P	P	P	
CPU2 K1	53-007	P	P	P	P	
CPU2 L1	53-008	P	P	P	P	