



### Advanced Validation Labs, Inc.

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



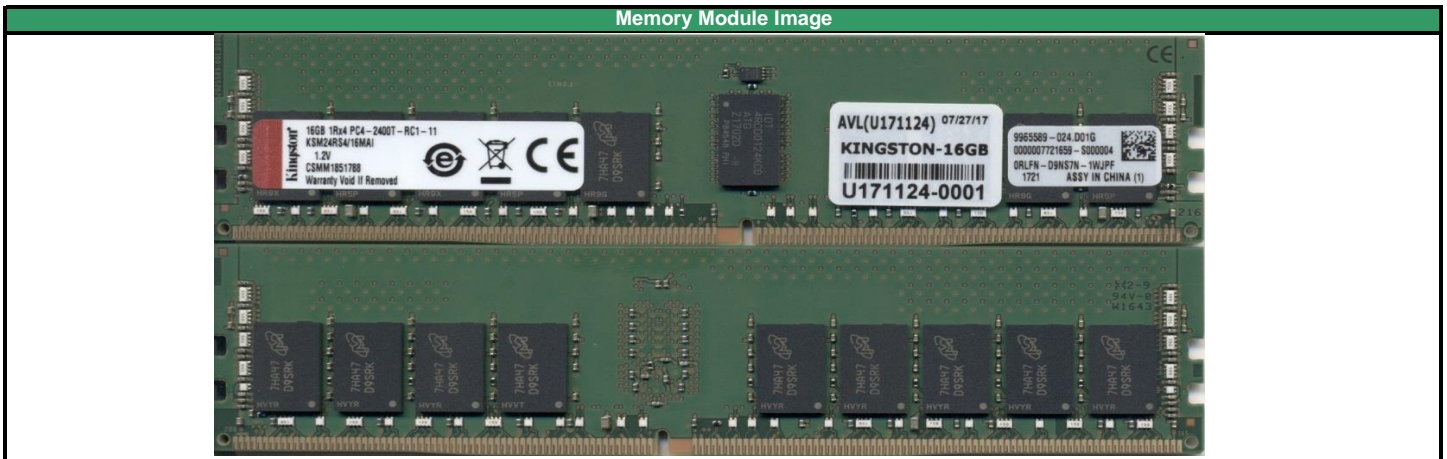
Intel PCSD Server Memory Compatibility Test Certificate	
Test System: <b>Intel S2600BP (Buchanan Pass)</b>	Test Result: <b>Pass</b>

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	KSM24RS4/16MAI	RDIMM	1.2V	16GB	2Gx72	2400	17	C	SR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
Micron	MT40A2G4PM-083E:A	8Gb	2048Mx4bit	1716	IDT	C0	(2048Mx4)*72		

System Configuration		
SETUP	System #1	System #2
AVL S/N	BP161	BP084
System S/N	QSBP70900161	QSBP70900084
Board Rev. (PBA)	H87926-500	
CPU Type	E5-2690 v4 / 2.60 GHz	
Chipset	C610	
BIOS	0X.01.0008	
BMC / ME	1.02 / 04.00.03.211	
FUR/SDR	1.00	
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:	10/04/17	AVL A#	U171124	AVL W/O	WF0203
Comments:							

## Test Results

4C					
Minimum Loading					
Start Date		9/26/2017			
DIMM Voltage		1.22v / 1.16v			
DIMM VPP		2.64v / 2.422v			
DIMM	S/N	A	B	C	D
CPU1 A1	24-0001	P	P	P	P
CPU1 A2					
CPU1 B1	24-0002	P	P	P	P
CPU1 C1	24-0003	P	P	P	P
CPU1 D1	24-0004	P	P	P	P
CPU1 D2					
CPU2 E1	24-0005	P	P	P	P
CPU2 F1	24-0006	P	P	P	P
CPU2 G1	25-0001	P	P	P	P
CPU2 G2					
CPU2 H1	25-0002	P	P	P	P
CPU2 I1	25-0003	P	P	P	P
CPU2 J1	25-0004	P	P	P	P
CPU2 J2					
CPU2 K1	25-0005	P	P	P	P
CPU2 L1	25-0006	P	P	P	P

4C					
Maximum Loading					
Start Date		09/26/17			
DIMM Voltage		1.22v / 1.16v			
DIMM VPP		2.64v / 2.422v			
DIMM	S/N	A	B	C	D
CPU1 A1	24-0001	P	P	P	P
CPU1 A2	24-0002	P	P	P	P
CPU1 B1	24-0003	P	P	P	P
CPU1 C1	24-0004	P	P	P	P
CPU1 D1	24-0005	P	P	P	P
CPU1 D2	24-0006	P	P	P	P
CPU2 E1	24-0007	P	P	P	P
CPU2 F1	24-0008	P	P	P	P
CPU2 G1	25-0001	P	P	P	P
CPU2 G2	25-0002	P	P	P	P
CPU2 H1	25-0003	P	P	P	P
CPU2 I1	25-0004	P	P	P	P
CPU2 J1	25-0005	P	P	P	P
CPU2 J2	25-0006	P	P	P	P
CPU2 K1	25-0007	P	P	P	P
CPU2 L1	25-0008	P	P	P	P