



### Advanced Validation Labs, Inc.

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Intel PCSD Server Memory Compatibility Test Certificate	
Test System: <b>Intel S2600KP (Kennedy Pass)</b>	Test Result: <b>Pass</b>

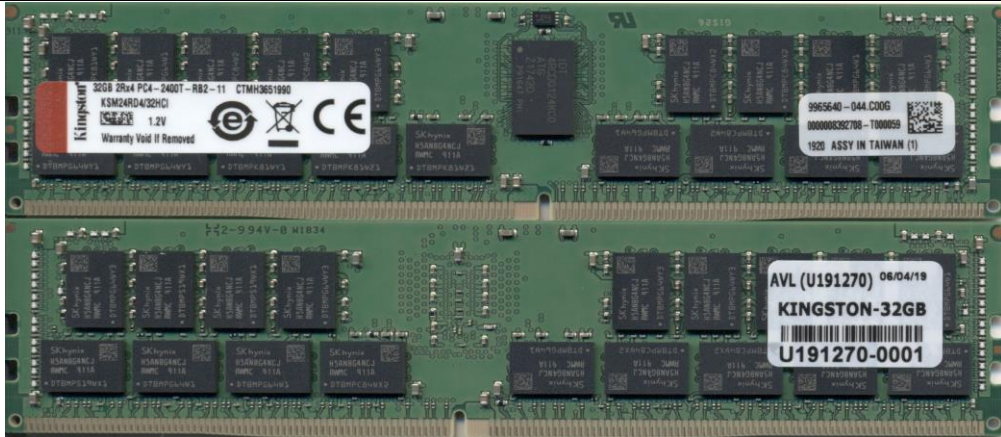
Leveraged System(s): H2216xxKR2,H2312xxKR2,HNS2600KP,HNS2600KPF,HNS2600KPFPR,HNS2600KPR,S2600KP,S2600KPF,S2600KPFPR,S2600KPR,S2600KPT,S2600KPTR

Modules Information									
DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KSM24RD4/32HCL	RDIMM	1.2V	32GB	4Gx72	2400	17	B	DR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
SK Hynix	H5AN8G4NCJR-WMC	8Gb 2048Mx4bit 1911			IDT	C0	(2048Mx4)*2*72		

System Configuration		
SETUP	System #1	System #2
AVL S/N	SU9568	SU9569
System S/N	BQKP42400310 / LVPP	BQKP42400473 / HVPP
Board Rev. (PBA)	H13888-301	
CPU Type	E5-2660 v4 / 2.0 GHz	
Chipset	C610	
BIOS	01.01.0028	
BMC / ME	1.56 / 051	
FUR/SDR	1.16	
OS	Windows Server 2012 R2	
Test Tool	iWVSS 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 <b>Pass</b>
4. Memory Stress		HVDD/HVPP Cold <b>Pass</b>
5. Memory Stress		LVDD/LVPP Hot <b>Pass</b>
6. Memory Stress		LVDD/LVPP Cold <b>Pass</b>
Note:		

#### Memory Module Image



AVL USE ONLY:							
Completed by:	Andy Chang	Completion Date:	09/06/2019	AVL A#	U191270	AVL W/O	WF2629
Comments:							

#### Test Results

4C Maximum Loading						
Start Date 8/30/2019						
DIMM Voltage 1.22v						
DIMM VPP 2.64v						
DIMM	S/N	A	B	C	D	
CPU1 A1	70-021	P	P	P	P	
CPU1 B1	70-022	P	P	P	P	
CPU1 C1	70-023	P	P	P	P	
CPU1 D1	70-024	P	P	P	P	
CPU2 E1	71-021	P	P	P	P	
CPU2 F1	71-022	P	P	P	P	
CPU2 G1	71-023	P	P	P	P	
CPU2 H1	71-024	P	P	P	P	

4C Maximum Loading							
Start Date 8/30/2019							
DIMM Voltage 1.16v							
DIMM VPP 2.422v							
DIMM	S/N	E	F	G	H		
CPU1 A1	70-021	P	P	P	P		
CPU1 B1	70-022	P	P	P	P		
CPU1 C1	70-023	P	P	P	P		
CPU1 D1	70-024	P	P	P	P		
CPU2 E1	71-021	P	P	P	P		
CPU2 F1	71-022	P	P	P	P		
CPU2 G1	71-023	P	P	P	P		
CPU2 H1	71-024	P	P	P	P		