



### 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 S2600CW (Cottonwood Pass)</b>	Test Result: <b>Pass</b>

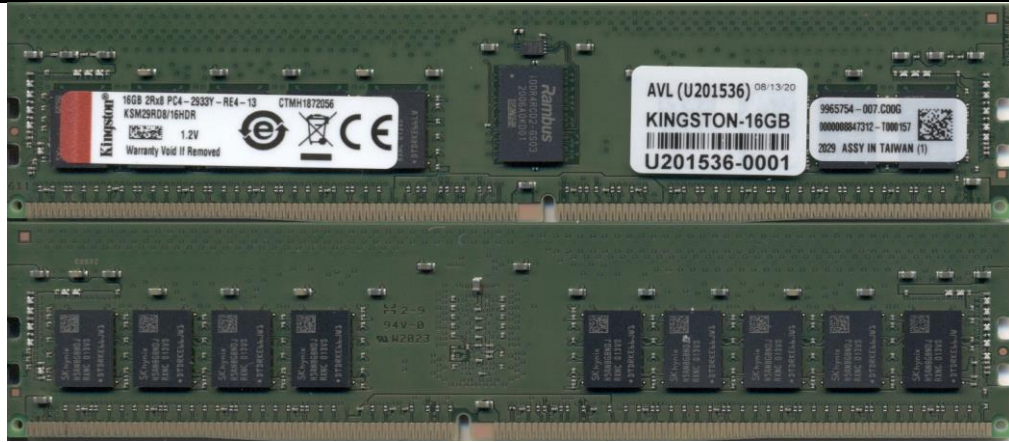
Leveraged System(s): S2600C2S,S2600CW,S2600CW2,S2600CW2R,S2600CW2SR,S2600CWT,S2600CWTR,S2600CWTS,S2600CWTSR

Modules Information									
DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KSM29RD8/16HDR	RDIMM	1.2V	16GB	2Gx72	2933	21	E	DR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
SK Hynix	H5AN8G8NDJR-XNC	8Gb	1024Mx8bit	2013	Rambus	B	(1024Mx8)*2*72		

System Configuration		
SETUP	System #1	System #2
AVL S/N	SU9557	SU9556
System S/N	FWCT44150269 / LVPP	FWCT44150034 / HVPP
Board Rev. (PBA)	H44615-350	
CPU Type	E5-2680 v4 / 2.40 GHz	
Chipset	C610	
BIOS	01.01.0028	
BMC / ME	1.56 / 051	
FUR/SDR	1.14	
OS	Windows Server 2012 R2	
Test Tool	iVSS 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:	3/5/2021	AVL A#	U201536	AVL W/O	WF8263
Comments:							

#### Test Results

4C Minimum Loading						
Start Date		2/1/2021				
DIMM Voltage		1.22v / 1.16v				
DIMM VPP		2.64v / 2.422v				
DIMM	S/N	A	B	C	D	
CPU1 A1	0001	P	P	P	P	
CPU1 A2						
CPU1 B1	0002	P	P	P	P	
CPU1 B2						
CPU1 C1	0003	P	P	P	P	
CPU1 C2						
CPU1 D1	0004	P	P	P	P	
CPU1 D2						
CPU2 E1	0005	P	P	P	P	
CPU2 E2						
CPU2 F1	0006	P	P	P	P	
CPU2 F2						
CPU2 G1	0007	P	P	P	P	
CPU2 G2						
CPU2 H1	0008	P	P	P	P	
CPU2 H2						

4C Maximum Loading						
Start Date		02/01/21				
DIMM Voltage		1.22v / 1.16v				
DIMM VPP		2.64v / 2.422v				
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 B2	0004	P	P	P	P	
CPU1 C1	0005	P	P	P	P	
CPU1 C2	0006	P	P	P	P	
CPU1 D1	0007	P	P	P	P	
CPU1 D2	0008	P	P	P	P	
CPU2 E1	0009	P	P	P	P	
CPU2 E2	0010	P	P	P	P	
CPU2 F1	0011	P	P	P	P	
CPU2 F2	0012	P	P	P	P	
CPU2 G1	0013	P	P	P	P	
CPU2 G2	0014	P	P	P	P	
CPU2 H1	0015	P	P	P	P	
CPU2 H2	0016	P	P	P	P	