



Advanced Validation Labs, Inc.

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Intel PCSD Server Memory Compatibility Test Certificate	
Test System: Intel S2600CW (Cottonwood Pass)	Test Result: Pass

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	KSM24RD4/32HCI	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	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	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 Pass
4. Memory Stress		HVDD/HVPP Cold Pass
5. Memory Stress		LVDD/LVPP Hot Pass
6. Memory Stress		LVDD/LVPP Cold Pass
Note:		

Memory Module Image



AVL USE ONLY:

Completed by:	Andy Chang	Completion Date:	09/09/2019	AVL A#	U191270	AVL W/O	WF2628
Comments:							

Test Results

4C Minimum Loading					
Start Date		9/3/2019			
DIMM Voltage		1.22v / 1.16v			
DIMM VPP		2.64v / 2.422v			
DIMM	S/N	A	B	C	D
CPU1 A1	70-009	P	P	P	P
CPU1 A2					
CPU1 B1	70-010	P	P	P	P
CPU1 B2					
CPU1 C1	70-011	P	P	P	P
CPU1 C2					
CPU1 D1	70-012	P	P	P	P
CPU1 D2					
CPU2 E1	71-009	P	P	P	P
CPU2 E2					
CPU2 F1	71-010	P	P	P	P
CPU2 F2					
CPU2 G1	71-011	P	P	P	P
CPU2 G2					
CPU2 H1	71-012	P	P	P	P
CPU2 H2					

4C Maximum Loading					
Start Date		09/03/19			
DIMM Voltage		1.22v / 1.16v			
DIMM VPP		2.64v / 2.422v			
DIMM	S/N	A	B	C	D
CPU1 A1	70-001	P	P	P	P
CPU1 A2	70-002	P	P	P	P
CPU1 B1	70-003	P	P	P	P
CPU1 B2	70-004	P	P	P	P
CPU1 C1	70-005	P	P	P	P
CPU1 C2	70-006	P	P	P	P
CPU1 D1	70-007	P	P	P	P
CPU1 D2	70-008	P	P	P	P
CPU2 E1	71-001	P	P	P	P
CPU2 E2	71-002	P	P	P	P
CPU2 F1	71-003	P	P	P	P
CPU2 F2	71-004	P	P	P	P
CPU2 G1	71-005	P	P	P	P
CPU2 G2	71-006	P	P	P	P
CPU2 H1	71-007	P	P	P	P
CPU2 H2	71-008	P	P	P	P