



Advanced Validation Labs, Inc.

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Intel PCSD Server Memory Compatibility Test Certificate	
Test System: Intel S2600WF (Wolf Pass)	Test Result: Pass

Leveraged System(s): R1208WFTYS, R1304WF, R1304WF0YS, R1304WFTYS, R2000WF, R2208WF0ZS, R2208WFTZS, R2224WFTZS, R2308WFTZS, R2312WF0NP, R2312WFTZS, S2600WF0, S2600WFQ, S2600WFT

Modules Information									
DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KSM32RD4/64HAR	RDIMM	1.2V	64GB	8192Mx72	3200	22	B	DR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
SK Hynix	H5ANAG4NAJR-XNC	16Gb	4096Mx4bit	2005	Rambus	B0	(4096Mx4)*2*72		

System Configuration		
SETUP	System #1	System #2
AVL S/N	H170060-003	N/A
System S/N	BQWF83600199	N/A
Board Rev. (PBA)	H48104-863	
CPU Type	Intel CLX 2.50 GHz	
Chipset	Intel 62X Series	
BIOS	02.01.5010	N/A
BMC / ME	2.48 / 04.01.04.381	N/A
FUR/SDR	2.01	N/A
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:		

Memory Module Image							
AVL USE ONLY:							
Completed by:	Andy Chang	Completion Date:	07/28/2021	AVL A#	U201578	AVL W/O	WF8179
Comments:							

4C Test Results						
4C Minimum Loading						
Start Date	7/20/2021					
DIMM Voltage	1.22v / 1.16v					
DIMM	S/N	A	B	C	D	
CPU1 A1	0001	P	P	P	P	P
CPU1 A2						
CPU1 B1	0002	P	P	P	P	P
CPU1 B2						
CPU1 C1	0003	P	P	P	P	P
CPU1 C2						
CPU1 D1	0004	P	P	P	P	P
CPU1 D2						
CPU1 E1	0005	P	P	P	P	P
CPU1 E2						
CPU1 F1	0006	P	P	P	P	P
CPU1 F2						
CPU2 G1	0007	P	P	P	P	P
CPU2 G2						
CPU2 H1	0008	P	P	P	P	P
CPU2 H2						
CPU2 I1	0009	P	P	P	P	P
CPU2 I2						
CPU2 J1	0010	P	P	P	P	P
CPU2 J2						
CPU2 K1	0011	P	P	P	P	P
CPU2 K2						
CPU2 L1	0012	P	P	P	P	P
CPU2 L2						

4C Maximum Loading						
Start Date	07/20/21					
DIMM Voltage	1.22v / 1.16v					
DIMM	S/N	A	B	C	D	
CPU1 A1	0001	P	P	P	P	P
CPU1 A2	0002	P	P	P	P	P
CPU1 B1	0003	P	P	P	P	P
CPU1 B2	0004	P	P	P	P	P
CPU1 C1	0005	P	P	P	P	P
CPU1 C2	0006	P	P	P	P	P
CPU1 D1	0007	P	P	P	P	P
CPU1 D2	0008	P	P	P	P	P
CPU1 E1	0009	P	P	P	P	P
CPU1 E2	0010	P	P	P	P	P
CPU1 F1	0011	P	P	P	P	P
CPU1 F2	0012	P	P	P	P	P
CPU2 G1	0013	P	P	P	P	P
CPU2 G2	0014	P	P	P	P	P
CPU2 H1	0015	P	P	P	P	P
CPU2 H2	0016	P	P	P	P	P
CPU2 I1	0017	P	P	P	P	P
CPU2 I2	0018	P	P	P	P	P
CPU2 J1	0019	P	P	P	P	P
CPU2 J2	0020	P	P	P	P	P
CPU2 K1	0021	P	P	P	P	P
CPU2 K2	0022	P	P	P	P	P
CPU2 L1	0023	P	P	P	P	P
CPU2 L2	0024	P	P	P	P	P