



Advanced Validation Labs, Inc.

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Intel PCSD Server Memory Compatibility Test Certificate	
Test System: Intel S2600TP (Taylor Pass)	Test Result: Pass

Leveraged System(s): S2600TPNR, HNS2600TP, HNS2600TP24R, HNS2600TP24SR, HNS2600TPF, HNS2600TPFR, HNS2600TPNR, HNS2600TPR, S2600TP, S2600TPF, S2600TPFR, S2600TPR

Modules Information

DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KSM29RD4/32HDR	RDIMM	1.2V	32GB	4Gx72	2933	21	B	DR
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code			Register Vendor / Rev.		DIMM Composition		
SK Hynix	H5AN8G4NDJR-XNC	8Gb	2048Mx4bit	2008	Rambus	B0	(2048Mx4)*2*72		

System Configuration

SETUP	System #1	System #2
AVL S/N	SU9574	SU9575
System S/N	BQTP42700005 / LVPP	BQTP42700200 / HVPP
Board Rev. (PBA)	H26989-202	
CPU Type	E5-2690 v4 / 2.60 GHz	
Chipset	C610	
BIOS	01.01.0028	
BMC / ME	1.56 / 051	
FUR/SDR	1.17	
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:	5/27/2021	AVL A#	U201540	AVL W/O	WF8249
Comments:							

Test Results

4C Minimum Loading						
Start Date		5/15/2021				
DIMM Voltage		1.22v / 1.16v				
DIMM VPP		2.64v / 2.422v				
DIMM	S/N	A	B	C	D	
CPU1 A1	0010	P	P	P	P	
CPU1 A2						
CPU1 B1	0011	P	P	P	P	
CPU1 B2						
CPU1 C1	0012	P	P	P	P	
CPU1 C2						
CPU1 D1	0013	P	P	P	P	
CPU1 D2						
CPU2 E1	0014	P	P	P	P	
CPU2 E2						
CPU2 F1	0015	P	P	P	P	
CPU2 F2						
CPU2 G1	0016	P	P	P	P	
CPU2 G2						
CPU2 H1	0017	P	P	P	P	
CPU2 H2						

4C Maximum Loading						
Start Date		05/15/21				
DIMM Voltage		1.22v / 1.16v				
DIMM VPP		2.64v / 2.422v				
DIMM	S/N	A	B	C	D	
CPU1 A1	0010	P	P	P	P	
CPU1 A2	0011	P	P	P	P	
CPU1 B1	0012	P	P	P	P	
CPU1 B2	0013	P	P	P	P	
CPU1 C1	0014	P	P	P	P	
CPU1 C2	0015	P	P	P	P	
CPU1 D1	0016	P	P	P	P	
CPU1 D2	0017	P	P	P	P	
CPU2 E1	0018	P	P	P	P	
CPU2 E2	0019	P	P	P	P	
CPU2 F1	0020	P	P	P	P	
CPU2 F2	0021	P	P	P	P	
CPU2 G1	0022	P	P	P	P	
CPU2 G2	0023	P	P	P	P	
CPU2 H1	0024	P	P	P	P	
CPU2 H2	0025	P	P	P	P	