



# Advanced Validation Labs, Inc.

17665B Newhope Street, Fountain Valley, CA 92708 (714) 435-2630



## Server Memory Compatibility Test Certificate

Test System: **Supermicro X11DPI-N (System SYS-6029P-TR)** Test Result: **Pass**

Leveraged Board(s) / System(s): X11DPI-N, X11DPI-NT, X11DAI-N, X11DPH-T, X11DPH-I, X11DPH-TQ, X11DPG-QT, X11DPT-PS, X11DPX-T, B11DRT-P, SYS-7039A-I, SYS-7049A-T, SSG-2029P-E1CR24H, SSG-2029P-E1CR24L, SSG-6029P-E1CR12T, SSG-6029P-E1CR16T, SSG-6039P-E1CR16H, SSG-6039P-E1CR16L, SYS-2029P-C1RT, SYS-2029P-C1R, SYS-6029P-TRT, SYS-6029P-TR, SYS-7049P-TRT, SYS-7049P-TR, SSG-2029P-ACR24H, SSG-2029P-ACR24L, SSG-6049P-E1CR36H, SYS-7049GP-TRT, SYS-2029TP-HTR, SYS-2029TP-HC0R, SYS-2029TP-HC1R, SYS-6029TP-HTR, SYS-6029TP-HC1R, SYS-6029TP-HC0R, SYS-2029P-TXRT, SYS-6039P-TXRT, SBI-4129P-C2N, SBI-4129P-T3N

### Module Specifications

Rev. 05/16/19

DIMM Vendor	DIMM Part Number	Type	Voltage	Size	Config.	Speed	CL	R/C	Rank
Kingston	KSM32RS8/16MER	RDIMM	1.2V	16GB	2048Mx72	3200	22-22-22	D1	1
DRAM Vendor	DRAM Part Number	DRAM Density / Width / Date Code		Register Vendor / Rev.	DIMM Composition				
Micron Technology Inc.	MT40A2G8JC-062E:E	16Gb / 1024Mx8 / 2018		Rambus	B0		(1024Mx8)*72		

### System Configuration

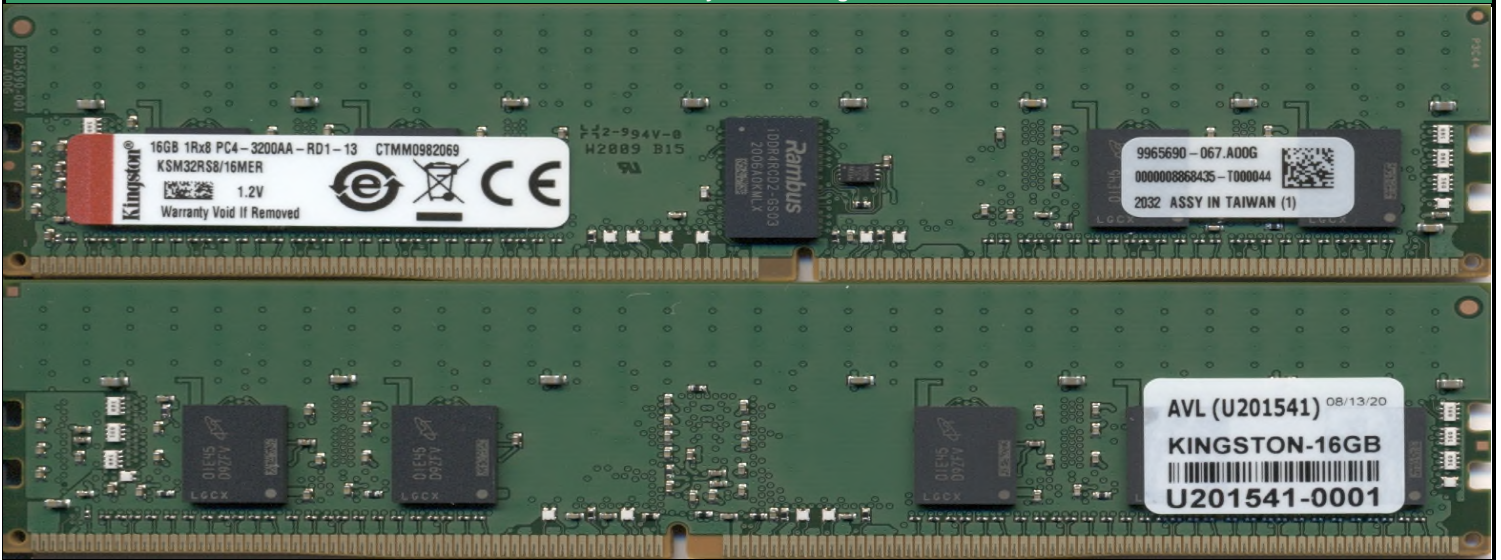
SETUP	System Information
AVL S/N	H180200-001
System S/N	n/a
Board Rev. (PBA)	n/a
CPU Type	Intel Xeon Gold 6252(PLCX) x2
Chipset	C621
BIOS / Date	3.3 /2/21/20
BMC / ME	1.45
FRU/SDR	n/a
OS	Ubuntu 16.04 LTS
Test Tool	Stressapptest 1.0.7/Memtest86+

### 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. Reset Cycle	<table border="1"> <tr> <td rowspan="3">Max Load</td> <td rowspan="2">Room</td> <td>200 Loops</td> <td>Pass</td> </tr> <tr> <td>2 Loops</td> <td>Pass</td> </tr> <tr> <td>40°C</td> <td>24Hrs</td> <td>Pass</td> </tr> </table>	Max Load	Room	200 Loops	Pass	2 Loops	Pass	40°C	24Hrs	Pass
Max Load				Room	200 Loops	Pass				
			2 Loops		Pass					
	40°C	24Hrs	Pass							
4. Memory Stress - Memtest86+										
5. Memory Stress-Stressapptest										

Note:

### Memory Module Image



### AVL USE ONLY:

Completed by:	Van Nguyen	Completion Date:	8/27/2020	AVL A#	U201541	AVL W/O	WF7238
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Comments: