



Advanced Validation Labs, Inc.

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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 | KSM32RD4/32MRR | RDIMM | 1.2V | 32GB | 4096Mx72 | 3200 | 22-22-22 | B2 | 2 |
| DRAM Vendor | DRAM Part Number | DRAM Density / Width / Date Code | | Register Vendor / Rev. | | DIMM Composition | | | |
| Micron Technology Inc. | MT40A2G4SA-062E:R | 8Gb | 2048Mx4 | 2140 | Rambus | B0 | (2048Mx4)*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 | 3.5 /6/29/21 |
| 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 | 200 Loops | Pass | |
| 4. Memory Stress - Memtest86+ | Room | 2 Loops | Pass |
| 5. Memory Stress-Stressapptest | 40°C | 24Hrs | Pass |

Note:

Memory Module Image



AVL USE ONLY:

| | | | | | | | |
|---------------|------------|------------------|-----------|--------|---------|--------|--------|
| Completed by: | Van Nguyen | Completion Date: | 5/19/2022 | AVL A# | U221234 | AVL WO | WG1326 |
|---------------|------------|------------------|-----------|--------|---------|--------|--------|

Comments: