



# Advanced Validation Labs, Inc.

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



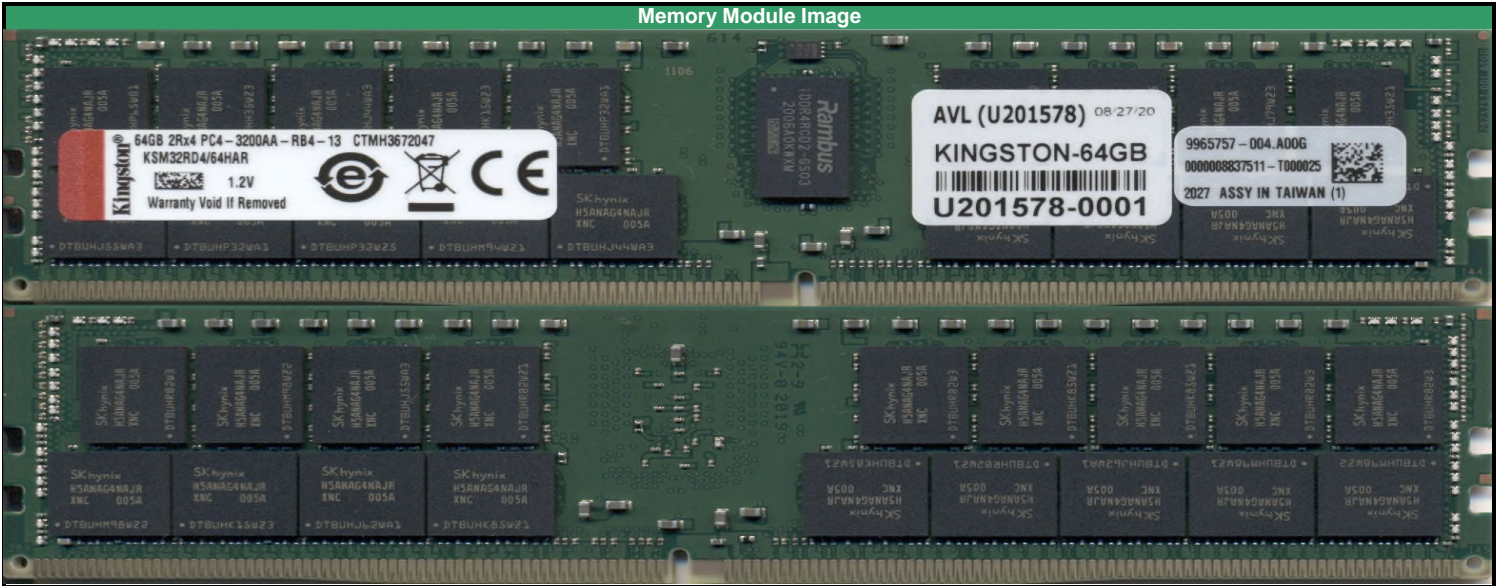
| Server Memory Compatibility Test Certificate                    |                          |
|---|--------------------------|
| Test System: <b>Supermicro X11SPW-TF (System SYS-5029P-WTR)</b> | Test Result: <b>Pass</b> |

Leveraged Board(s) / System(s): X11SPW-TF, X11SPW-CTF, X11SPM-TPF, X11SPM-TF, X11SPM-F, X11SPG-TF, SYS-1019P-WTR, SYS-5019P-WT, SYS-5019P-WTR, SYS-5029P-WTR, SYS-5019GP-TT, SYS-1019GP-TT

| Module Specifications |                  |                                  |         |                        |          |                  |          |        |      |              |
|-----------------------|------------------|----------------------------------|---------|------------------------|----------|------------------|----------|--------|------|--------------|
| DIMM Vendor           | DIMM Part Number | Type                             | Voltage | Size                   | Config.  | Speed            | CL       | R/C    | Rank |              |
| Kingston              | KSM32RD4/64HAR   | RDIMM                            | 1.2V    | 64GB                   | 8192Mx72 | 3200             | 22-22-22 | B4     | 2    |              |
| DRAM Vendor           | DRAM Part Number | DRAM Density / Width / Date Code |         | Register Vendor / Rev. |          | DIMM Composition |          |        |      |              |
| SK Hynix              | H5ANAG4NAJR-XNC  | 16Gb                             |         | 4096Mx4                |          | 2005             |          | Rambus | B0   | (4096Mx4)*72 |

| System Configuration |                                 |
|----------------------|---------------------------------|
| SETUP                | System Information              |
| AVL S/N              | H180199-001                     |
| System S/N           | N80205                          |
| Board Rev. (PBA)     | 1.02                            |
| CPU Type             | Intel Xeon Gold 6252(PLCX)      |
| Chipset              | C621                            |
| BIOS / Date          | 3.0b /3/04/19                   |
| BMC / ME             | n/a                             |
| FRU/SDR              | n/a                             |
| OS                   | Ubuntu 16.04 LTS                |
| Test Tool            | Stressapptest 1.0.7/Memtest 86+ |

| 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                               | Room   | 200 Loops    |
| 4. Memroy Stress - Memtest86+                |  | 2 Loops      |
| 5. Memory Stress-Stressapptest               | 40°C   | 24Hrs        |
| Note:  |  |              |



| AVL USE ONLY: |            |                  |           |        |         |        |        |
|---------------|------------|------------------|-----------|--------|---------|--------|--------|
| Completed by: | Van Nguyen | Completion Date: | 9/18/2020 | AVL A# | U201578 | AVL WO | WF7485 |
| Comments:     |            |                  |           |        |         |        |        |