



# Advanced Validation Labs, Inc.

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## Server Memory Compatibility Test Certificate

Test System: **Supermicro X11SPW-TF (System SYS-5029P-WTR)** Test Result: **Pass**

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

Rev. 3/27/2018

| DIMM Vendor | DIMM Part Number | Type                             | Voltage | Size | Config.                | Speed | CL               | R/C | Rank |
|-------------|------------------|----------------------------------|---------|------|------------------------|-------|------------------|-----|------|
| Kingston    | KSM26RD8L/16MEI  | RDIMM                            | 1.2V    | 16GB | 2Gx72                  | 2666  | 19               | H   | DR   |
| DRAM Vendor | DRAM Part Number | DRAM Density / Width / Date Code |         |      | Register Vendor / Rev. |       | DIMM Composition |     |      |
| Kingston    | MT40A1G8SA-075:E | 8Gb 1024Mx8bit 1804              |         |      | IDT B1                 |       | (2048x8)*72      |     |      |

### System Configuration

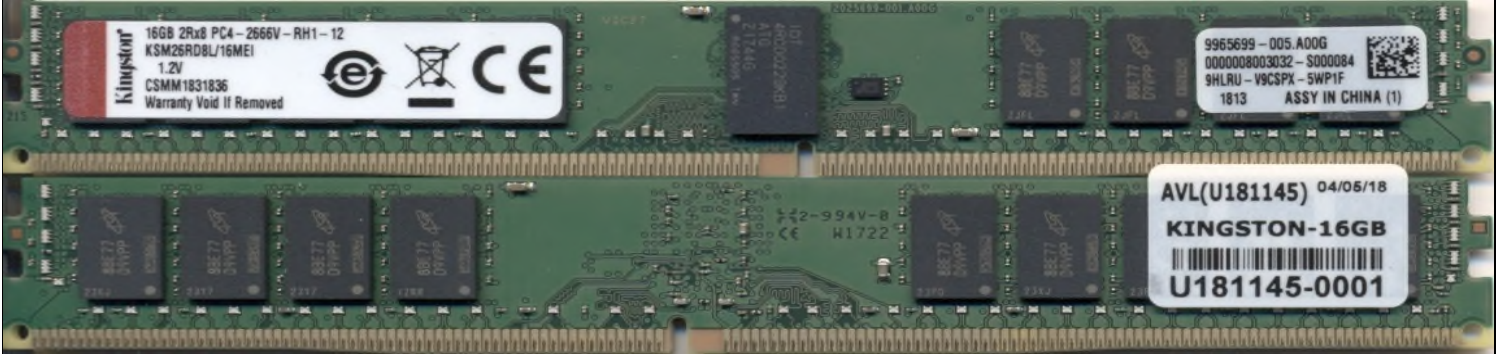
| SETUP            | System Information           |
|------------------|------------------------------|
| AVL S/N          | H180199-001                  |
| System S/N       | N80205                       |
| Board Rev. (PBA) | 1.02                         |
| CPU Type         | Intel Xeon Gold 6130(SKX) x2 |
| Chipset          | Skylake                      |
| BIOS / Date      | 2.0b /2/26/18                |
| BMC / ME         | n/a                          |
| FRU/SDR          | n/a                          |
| OS               | Ubuntu 16.04 LTS             |
| Test Tool        | Stressapptest 1.0.7          |

### 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                               | 1 DIMM Per Channel when applicable               | Pass                 |      |
| 4a. Memory Stress                            | DIMM Loading per spec<br>45°C                    | 24 Hours             | Pass |
| 4c. Reset Cycle                              |  | 200 loops per config | Pass |

Note:

### Memory Module Image



### AVL USE ONLY:

|               |            |                  |           |        |         |         |        |
|---------------|------------|------------------|-----------|--------|---------|---------|--------|
| Completed by: | Van Nguyen | Completion Date: | 4/20/2018 | AVL A# | U181145 | AVL W/O | WF1174 |
| Comments:     |            |                  |           |        |         |         |        |