



Advanced Validation Labs, Inc.

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Server Memory Compatibility Test Certificate

Test System: **Supermicro X10DRi-BDX** Test Result: **Pass**

Leveraged System(s): X10DRi-T, X10DAi, X10DAC, X10DRH-CT, X10DRW-i / X10DRW-IT, X10DDW-I / X10DDW-IN, X10DRG-H / X10DRG-HT, X10DRT-P / X10DRT-PT, X10DRT-PIBQ / X10DRT-PIBF, X10DRFR / X10DRFR-T / X10DRH-C, X10DRH-CLN4, X10DRH-iLN4, X10DRT-PS, X10DRX, X10DRU-X, X10DRU-XLL, X10DRFF-CG, X10DRFF-CTG, X10DRFF-IG, X10DRFF-ITG, X10DGG, X10DRG-Q

Module Specifications

Rev. Rev. 05/16/19

| DIMM Vendor | DIMM Part Number | Type | Voltage | Size | Config. | Speed | CL | R/C | Rank | |
|-------------|------------------|----------------------------------|---------|------------------------|----------|------------------|----------|-----|------|--------------|
| Kingston | KSM24RD4/32HDI | RDIMM | 1.2v | 32GB | 4096Mx72 | 2400 | 17-17-17 | B2 | 2 | |
| DRAM Vendor | DRAM Part Number | DRAM Density / Width / Date Code | | Register Vendor / Rev. | | DIMM Composition | | | | |
| SK Hynix | H5AN8G4NDJR-XNC | 8Gb | | 2048Mx4 | | 2008 | | IDT | B1 | (2048Mx4)*72 |

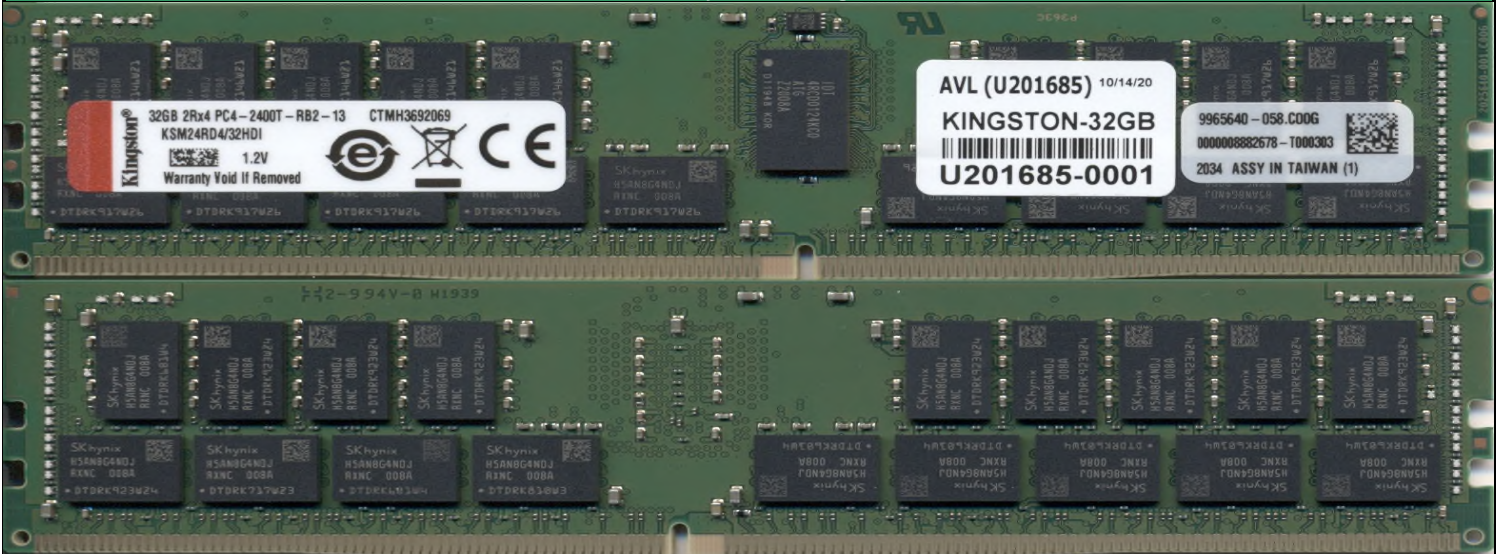
System Configuration

| SETUP | System Information |
|------------------|---------------------------------|
| AVL S/N | SV2271 |
| System S/N | 0M148004057 |
| Board Rev. (PBA) | 1.01 |
| CPU Type | Intel E5-2650 v4 (BDW) x2 |
| Chipset | Intel C612 |
| BIOS / Date | 3.2 /11/22/2019 |
| BMC / ME | 1.94/3.0.6.267 |
| FRU/SDR | 1.02 |
| 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 | Max Load | Room | 200 Loops | Pass |
| 4. Memoy 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: | 10/26/2020 | AVL A# | U201685 | AVL W/O | WF7941 |
| Comments: | | | | | | | |