

INTEROPERABILITY MATRIX | 2U 24 Performance NVMe PCI Gen 4 Storage Server

# VSS2249PQ



| QUALIFIED COMPONENTS                                |          |                     |             |         |                 |
|-----------------------------------------------------|----------|---------------------|-------------|---------|-----------------|
|                                                     | Vendor   | Product Part Number | FW Revision |         | Notes           |
| SSDs                                                | Intel    | DC P4510            |             | 1TB*    |                 |
|                                                     | Kingston | DC1500M             |             | 960GB*  |                 |
|                                                     | Kioxia   | CM6-R               |             | 960G*   | Dual Port       |
|                                                     | Netlist  | N1962               |             | 3.8TB*  |                 |
|                                                     | Samsung  | PM1725a             |             | 800GB*  | Dual Port       |
|                                                     | Samsung  | PM1733              |             | 1.92TB* | Dual Port       |
|                                                     | Samsung  | PM1733a             |             | 1.92TB* | Dual Port       |
|                                                     | Samsung  | PM963               |             | 960GB*  |                 |
|                                                     | Samsung  | PM9A3               |             | 7.68TB* |                 |
|                                                     | WDC      | DC SN650            |             | 7.68TB* |                 |
|                                                     | WDC      | DC SN655            |             | 7.68TB* | Dual Port       |
| (*) Tested Capacity. Other capacities are supported |          |                     |             |         |                 |
| CPUs                                                | AMD      | EPYC™ 7713, 7713P   |             | 64 Core | 3rd Gen "Milan" |
|                                                     | AMD      | EPYC™ 7643          |             | 48 Core | 3rd Gen "Milan" |
|                                                     | AMD      | EPYC™ 7543, 7543P   |             | 32 Core | 3rd Gen "Milan" |
|                                                     | AMD      | EPYC™ 7443, 7443P   |             | 24 Core | 3rd Gen "Milan" |
|                                                     | AMD      | EPYC™ 7413          |             | 24 Core | 3rd Gen "Milan" |
|                                                     | AMD      | EPYC™ 7313, 7313P   |             | 16 Core | 3rd Gen "Milan" |
|                                                     | AMD      | EPYC™ 7662          |             | 64 Core | 2nd Gen "Rome"  |
|                                                     | AMD      | EPYC™ 7552          |             | 48 Core | 2nd Gen "Rome"  |
|                                                     | AMD      | EPYC™ 7502          |             | 32 Core | 2nd Gen "Rome"  |
|                                                     | AMD      | EPYC™ 7452          |             | 32 Core | 2nd Gen "Rome"  |
|                                                     | AMD      | EPYC™ 7352          |             | 24 Core | 2nd Gen "Rome"  |
|                                                     | AMD      | EPYC™ 7302          |             | 16 Core | 2nd Gen "Rome"  |
|                                                     | AMD      | EPYC™ 7262          |             | 8 Core  | 2nd Gen "Rome"  |
| PCIe Add In Cards                                   | Mellanox | MCX654106A-HCAT     |             | 200G    | Dual QSFP56     |
|                                                     | Mellanox | MCX653106A-HDAT     |             | 200G    | Dual QSFP56     |
|                                                     | Mellanox | MCX654105A-HCAT     |             | 200G    | Single QSFP56   |

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|----------------------|-------------------|---------------------|------------------------------------------------------|-------|-------------------|
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| PCIe Add In Cards    | Mellanox          | MCX654106A-ECAT     |                                                      | 100G  | Dual QSFP56       |
|                      | Mellanox          | MCX653106A-EFAT     |                                                      | 100G  | Dual QSFP56       |
|                      | Mellanox          | MCX653106A-ECAT     |                                                      | 100G  | Dual QSFP56       |
|                      | ATTO              | N412                |                                                      | 100G  | Dual QSFP28       |
|                      | Intel             | i350-T              |                                                      | 1G    | Dual RJ-45        |
|                      | Broadcom          | 9600-16e            |                                                      | 22.5G | 16 External Ports |
|                      | Broadcom          | 9600w-16e           |                                                      | 22.5G | 16 External Ports |
|                      | Broadcom          | 9500-16e            |                                                      | 12G   | 16 External Ports |
|                      | Broadcom          | 9300-8e             |                                                      | 12G   | 8 External Ports  |
|                      | Broadcom          | 9500-8e             |                                                      | 12G   | 8 External Ports  |
|                      | Broadcom          | 9400-8e             |                                                      | 6G    | 8 External Ports  |
| Memory               | ATP               | A4B08QD8BNWEME      |                                                      | 8GB   |                   |
|                      | ATP               | A4B16QE8BNWEME      |                                                      | 16GB  |                   |
|                      | ATP               | D416G0RD328ERMC     |                                                      | 16GB  |                   |
|                      | Viking Technology | VR9MR1G7228JBPNH    |                                                      | 8GB   | Contact Sales     |
|                      | Viking Technology | VR9MR2G7228JBPNH    |                                                      | 16GB  | Contact Sales     |
|                      | Viking Technology | VR9MR1G7228JBPIB    |                                                      | 8GB   | DDR4 3200MHz      |
|                      | Viking Technology | VR9MR2G7228KBPMF    |                                                      | 16GB  | Contact Sales     |
|                      | Viking Technology | VR9MR2G7228KBPNH    |                                                      | 16GB  | Contact Sales     |
|                      | Viking Technology | VR9MRAG7228KBPMF    |                                                      | 32GB  | Contact Sales     |
|                      | Viking Technology | VR9MR8G7224KBPMF    |                                                      | 64GB  | Contact Sales     |
|                      | Samsung           | M386AAG40DM3-CWE    |                                                      | 128GB |                   |
|                      | Sky Hynix         | HMA84GR7CJR4N-WM    |                                                      | 32GB  | DDR4 2933MHz      |
|                      | Sky Hynix         | HMA82GR7CJR8N-WM    |                                                      | 16GB  | DDR4 2933MHz      |
|                      | Sky Hynix         | HMA81GR7CJR8N-WM    |                                                      | 8GB   | DDR4 2933MHz      |
| Passive Cables       | Various           | Various             | All Add In Card vendor approved cables are supported |       |                   |
| Active Cables        | Various           | Various             | All Add In Card vendor approved cables are supported |       |                   |
| Boot Device          | Samsung           | Various             | Contact sales for current options                    |       |                   |
|                      | Micron            | Various             | Contact sales for current options                    |       |                   |