# KAYTUS

# KR4268V2

## Versatile computing and flexible expansion AI server



## Overview

KR4268V2 is the latest product of KAYTUS KR4268 series server. It is a new generation artificial intelligence server, that provides excellent versatile computing performance and extremely flexible architecture, eight high-performance GPUs and supports switching based on application scenarios. Equipped with 2x 4th Generation Intel® Xeon® scalable processors, KR4268V2 provides up to 112 processor cores, 8TB system memory and 300TB local high-speed storage. It is optimized to complex application scenarios such as deep learning, metaverse, AIGC, AI+Science, etc., providing the most adaptable platform in the Intelligent computing era.

# Benefits

## ■ Enhanced architecture

> Upgraded PCIE Gen5.0 Architecture, supports up to 600W power comsumption

> Supports latest generation GPU cards

> latest CXL1.1 interconnect technology support storage-level memory space expansion and memory space sharing

> Supports latest 400G NDR infiniband network and 400G OCP 3.0

## ■ Excellent performance

> Support 2x 4th Gen Intel® Xeon® Scalable Processors, TDP 350W

> Built-in 8TB system memory and 300TB local high-speed storage to improve data access speed

> 4 kinds of CPU-GPU topologies to flexibly match different AI application scenarios

> Up to 4 times PCIE bandwidth improvement meets high-throughput data transmission

## ■ Flexible configuration

> Modular design supports flexible component-level free combination

> Powerful versatile platform adapts to the latest AI accelerator cards of various brands

> 25% improvement in cooling performance, 5% reduction in noise

> Supports N+N redundant 3000W platinum/titanium PSU

## ■ Ecosystem

> Abundant global AI partners, AMD, Intel, etc.

> Leading deep learning frameworks, TensorFlow, PyTorch, PaddlePaddle, etc.

> Powerful AIStation resource platform, algorithm platform and application optimization service

> Mature Meta-brain ecology, providing application algorithms and solution services for all industries and scenarios

# Specifications

| Product Model | KR4268-X2-A0-R0-00 |
|---|---|
| CPU | 2x 4th Gen Intel® Xeon® Scalable Processors, TDP 350W |
| GPU | Supports 8x Dual-slot FHFL PCIe interface GPU cards, and supports ≥ 4 PCIe 5.0 x16 slots |
| Chipset | Intel® Emmitsburg PCH C740 |
| Memory | up to 32x DDR5 4800MHz RDIMM |
| Internal PCIe | Supports for 2 x PCIE 5.0 expansion |
| Front I/O | 2x USB, 1x VGA, 1x USB Type-C |
| Rear I/O | 1x Console, 2x USB 3.0, 1x RJ45, 1x VGA, 1x OCP 3.0 (support NC-SI) |
| Storage | 24 × 2.5 or 12 × 3.5-inch SAS/SATA drive bays in the front, supports up to 16 × NVME or E3.S<br>Built-in 2 × M.2 NVME/SSD |
| RAID | Supports RAID0, 1, 10, 5, 50, 6, 60, etc.<br>Supports Cache super capacitor protection, provide RAID state transition, RAID configuration memory |
| OS | Supports mainstream operation, Microsoft Windows Sever, Red Hat Enterprise Linux, Ubuntu Linux, CentOS, etc. |
| Cooling | N+1 Redundant system fans |
| Power | 4×1600W/2000W/2200W/3000W 80Plus platinum/titanium PSUs, supports N+N redundancy |
| Size (W*H*D) | Width × height × depth: 447mm x 174.5mm x 850mm |
| Temperature | 5°C - 35°C / 41°F - 95°F |
| Full load weight | ≤87kg |