Datasheet

2U AMD Single CPU RA1224-TKEPN Server

[Ver. 2.0]

Highlights at a glance:

- Incl. 1x AMD EPYC 9015, can be equipped with a CPU (AMD EPYC 9005 (Turin)) up to 64 cores
- Incl. 16 GB RAM, upgradeable up to 1.152TB RAM, (12 DIMMs)
- 24 drives , capacities up to 245.76 TB (NVMe)
- Expandable with 4 additional cards, 4x PCI-E 5.0 x16
- 2x 10 Gbit/s LAN (RJ-45)
- Energy-efficient power supply 80 PLUS Titanium (>96%)

Mainboards

Manufacturer	Thomas-Krenn.AG
Mainboards	TKEP-SP-A5
Chipset	AMD System on Chip
Socket	AMD SP5
Processor	AMD EPYC 9005 (Turin)
Main Memory	12 DIMMs 1.125 TiB DDR5 4800/5600/6400 RDIMM

LAN Onboard	2x 10 Gbit/s LAN (RJ-45)
Additional card (optional)	PNY NVIDIA RTX PRO 6000 Blackwell Max-Q Workstation Edition (96GB)

Extension-slots for additional cards

PCI slots (mainboard)	4x PCIe 5.0 x16
Available slots in the chassis	5x

Onboard ports

NVMe	16x NVMe onboard

Drives / storage capacity

Drive slots (total)	24
NVMe slots	16x| NVMe
Backplane	NVMe
Max. capacity HDD (SATA)	61.44 TB
Max. capacity SSD (SATA)	61.44 TB
Max. capacity SSD (U.2 NVMe)	245.76 TB

Chassis

Unit	2U
Dimensions	87 mm (H), 438 mm (W), 735 mm (D),
Front USB ports	2

Power supply

Power supply unit	2HE Thomas-Krenn Server-Barebone SR223-1A (24x SFF, 16x NVMe + 8x SAS/SATA)
energy efficiency	96%

Rack Assembly

Assembly rails	contained in the scope of supply

environment-requirements

Recommended deployment location	To ensure the optimal cooling of the system, we recommend running the server in an air conditioned server room and as part of a rack installation. The server is not ideal for use in an office environment due to its high noise levels.To ensure the optimal cooling of the system, we recommend running the server in an air conditioned server room and as part of a rack installation.