

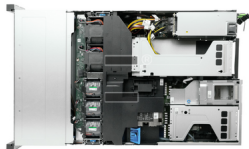
Datasheet

2U AMD Single-CPU RA1208-TKEPGN

[Ver. 1.0]

Highlights at a glance:

- Incl. 1x AMD EPYC 9015, can be equipped with a CPU (AMD EPYC 9004 (Genoa), AMD EPYC 9005 (Turin)) up to 128 cores
- Incl. 16 GB RAM, upgradeable up to 1.152TB RAM, (12 DIMMs)
- 8 drives , capacity up to 122.88 TB (SSD), 122.88 TB (NVMe)
- 2x 10 Gbit/s LAN (RJ-45)
- Expandable with 5 FP/LP add-on card(s), 4x PCIe 5.0 x16
- Energy-efficient power supply 80 PLUS Titanium (>96%)
- Integrated IPMI (dedicated NIC)



Mainboards

Manufacturer	Thomas-Krenn.AG
Mainboards	TKEP-SP-A5
Chipset	AMD System on Chip
Socket	AMD SP5
Processor	AMD EPYC 9004 (Genoa), 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)
LAN chipset	Broadcom BCM57416
LAN Onboard (dedicated IPMI)	1x Management LAN
Additional card (optional)	PNY NVIDIA RTX PRO 6000 Blackwell Max-Q Workstation Edition (96GB)
USB ports	2x USB (rear) USB 3.2 Gen 1 USB 2.0

Extension-slots for additional cards

Available slots in the chassis	5x
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Onboard ports

M.2	0 x M.2
NVMe	12x NVMe onboard

Drives / storage capacity

Drive slots (total)	8
Backplane	NVMe
Max. capacity HDD (SATA)	61.44 TB
Max. capacity SSD (SATA)	61.44 TB
Max. capacity SSD (U.2 NVMe)	122.88 TB

Server management

Remote management	Integrated IPMI (dedicated NIC)
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Chassis

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

Power supply

Power supply unit	2x 3200 Watt redundantes Netzteil (80plus Titanium) (2HE Thomas-Krenn Server-Barebone SR223-1A)
energy efficiency	96%

Rack Assembly

Assembly rails	contained in the scope of supply
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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.
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