

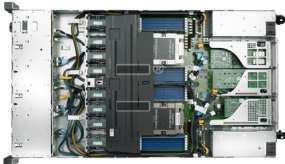
Datasheet

1U AMD Dual CPU RA2112-TKEPN (ESXi)

[Ver. 1.0]

Highlights at a glance:

- Includes 2x AMD EPYC 9015 and 16 GB RAM
- Up to 128 cores and 2,304 TB of RAM possible
- 12 storage drives with capacities up to 61.44 TB (SSD) and 184.32 TB (NVMe)
- 2x 10 Gbit/s LAN (RJ45)
- Expandable with 3 LP expansion cards + 2x OCP 3.0 cards
- Energy-efficient 80 Plus Titanium power supply (>96%) red. NT



Mainboards

Manufacturer	Thomas-Krenn.AG
Mainboards	TKEP-DP-A4
Chipset	AMD System on Chip
Socket	AMD SP5
Processor	AMD EPYC 9004 (Genoa), AMD EPYC 9005 (Turin)
Main Memory	24 DIMMs 2.25 TiB DDR5 4800/5600/6400 RDIMM

LAN Onboard	2x 10 Gbit/s LAN (RJ-45)
LAN Onboard (dedicated IPMI)	1x Management LAN
USB ports	USB 3.2 Gen 1 USB 3.2 Gen 1

Extension-slots for additional cards

Available slots in the chassis	5x Low profile
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Onboard ports

M.2	2 x M.2 PCIe 3.0 x4
M.2 form factor	2280

Drives / storage capacity

Drive slots (total)	12
SAS / SATA slots	8x SAS / SATA
NVMe slots	12x NVMe
Backplane	SATA / SAS-3 / NVMe (12 Gb/s)
Max. capacity HDD (SATA)	61.44 TB
Max. capacity SSD (SATA)	61.44 TB
Max. capacity SSD (U.2 NVMe)	184.32 TB

Chassis

Unit	1U
Dimensions	43 mm (H), 438 mm (W), 770 mm (D)
drives (in scope of delivery)	not contained, optional available
Drives (optional)	External USB-drives

Power supply

Power supply unit	2x 1300 Watt redundantes Netzteil (80plus Titanium)
energy efficiency	96%