

Datasheet

1U AMD Single CPU RA1112-TKEPN (ESXi)

[Ver. 1.0]

Highlights at a glance:

- Includes 1 AMD EPYC 9015 and 16 GB of RAM
- Up to 64 cores and 1,152 TB of RAM possible
- 12 storage drives with capacities up to 168.96 TB (SSD) and 153.6 TB (NVMe)
- 2x 10 Gbit/s LAN (RJ45)
- Expandable with 3 HLLP expansion cards, 1x PCIe 5.0 x16, 1x PCIe 5.0 x8
- Energy-efficient power supply: 80 Plus Titanium (>96%) red. NT



Mainboards

Manufacturer	Thomas-Krenn.AG
Mainboards	TKEP-SP-A4
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 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	3x Low profile
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Onboard ports

M.2	1 x M.2 PCIe 3.0 x4
M.2 form factor	2280

Drives / storage capacity

Drive slots (total)	12 (Hot-swap)
SAS / SATA slots	8x SAS / SATA
NVMe slots	10x NVMe
NVMe / SAS / SATA hybrid slots	8x NVMe / SAS / SATA (hybrid)
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)	153.6 TB

Chassis

Unit	1U
Dimensions	43 mm (H), 439 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%