

# Datasheet

## 2U Intel Dual-CPU RI2212-TKXSN

[Ver. 1.0]

### Highlights at a glance:

- Incl. 1x Intel Xeon Silver 4410Y, can be expanded to up to 2x CPUs (12 - 12 cores)
- Incl. 32 GB RAM, upgradeable up to 384GB RAM, (32 DIMMs)
- 12 drives , capacities up to 183.6 TB (NVMe)
- Expandable with 5 FP/LP add-on card(s)
- Energy-efficient power supply 80 PLUS Titanium (>96%) red. NT
- Integrated IPMI (dedicated NIC)



### Mainboards

Manufacturer	Thomas-Krenn.AG
Mainboards	TKXS-DP-I4
Socket	Intel LGA 4677
Processor	Intel Xeon Scalable 4th/5th Gen (Sapphire/Emerald Rapids)
Main Memory	32 DIMMs 384 GiB DDR5 4800 RDIMM
LAN Onboard (dedicated IPMI)	1
USB ports	1x USB on board (type A)

## Extension-slots for additional cards

Available slots in the chassis	5x Full profile/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	8x  NVMe
NVMe / SAS / SATA hybrid slots	8x NVMe / SAS / SATA (hybrid)
Backplane	SATA / SAS-3 / NVMe (12 Gb/s)
Max. capacity HDD (SATA)	15.36 TB
Max. capacity SSD (SATA)	15.36 TB
Max. capacity SSD (U.2 NVMe)	183.6 TB

## Server management

Remote management	Integrated IPMI (dedicated NIC)
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## Chassis

Unit	2U
Dimensions	87 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	2HE Thomas-Krenn Server-Barebone (12x LFF, 12x NVMe)
energy efficiency	96.23%