

Datasheet

Tower server Intel single-CPU TI1506-INXSN

[Ver. 2.0]

Highlights at a glance:

- Incl. 1x Intel Xeon Silver 4410Y, can be equipped with a CPU (Intel Xeon Scalable 4th/5th Gen (Sapphire/Emerald Rapids)) up to 60 cores
- Incl. 16 GB RAM, upgradeable up to 256GB RAM, (8 DIMMs)
- 6x 3.5" / 2.5" (Hot-swap) up to 184.32 TB, SSDs: 184.32 TB
- Expandable with 5 FP/ HL add-on card(s), 2x PCIe 5.0 x16 3x PCIe 5.0 x8
- Integrated IPMI (dedicated NIC)
- Conversion kit available (for use with a 19" rack).



Mainboards

Manufacturer	Supermicro
Mainboards	Supermicro X13SEI-TF
Chipset	Intel C741
Socket	Intel LGA 4677
Processor	Intel Xeon Scalable 4th/5th Gen (Sapphire/Emerald Rapids)
Main Memory	8 DIMMs 256 GiB DDR5 4800/4400/5600 RDIMM
LAN Onboard	2x 10 Gbit/s LAN (RJ-45)
LAN chipset	Intel X550
Onboard graphic	1x VGA ASPEED AST2600 BMC 2 GiB
Onboard graphics maximum resolution	1920x1200@60Hz
Additional card (optional)	PNY NVIDIA RTX A1000 (8GB)
USB ports	4x USB (rear) (2x USB 3.2 Gen1 2x USB 2.0) 1x USB on board (type A)

Extension-slots for additional cards

PCI slots (mainboard)	3x PCIe 5.0 x8 2x PCIe 5.0 x16
Available slots in the chassis	5x Full profile/Half Length

Onboard ports

SATA-3 (6 Gb/s)	10x SATA-3 (6 Gbit/s)
M.2	2 x M.2 PCIe 5.0 x4
M.2 form factor	2280, 22110
NVMe	4x NVMe onboard

Drives / storage capacity

Drive slots (total)	6x 3.5" / 2.5" (Hot-swap) 5x 2.5" (Internal, non-hot-swap) 52.5" (rear of chassis, hot-swap)
SAS / SATA slots	6x SAS / SATA
NVMe / SAS / SATA hybrid slots	4x NVMe / SAS / SATA (hybrid)
Backplane	SATA / SAS-3 / NVMe (12 Gb/s)
Max. capacity HDD (SAS)	184.32 TB
Max. capacity HDD (SATA)	144 TB
Max. capacity SSD (SATA)	46.08 TB
Max. capacity SSD (SATA)	184.32 TB
Max. capacity SSD (U.2 NVMe)	61.44 TB

Server management

Management software	Supermicro SuperDoctor 5
Remote management	Integrated IPMI (dedicated NIC)
IPMI-sensors	Additional model-dependent sensors (www.thomas-krenn.com/ipmi-sensoren)

Chassis

Unit	5U
Dimensions	430 mm (H), 200 mm (W), 596 mm (D),
Drives (optional)	External USB-drives
Front USB ports	2

Power supply

Power supply unit	750 Watt Netzteil (80plus Gold) inkl. Netzkabel
energy efficiency	90%
Redundant power supply (selectable option)	2x 1200 W

Rack Assembly

Assembly rails	19" conversion-kit possible, optional available
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environment-requirements

Recommended ambient temperature	20 - 22 degree
Recommended humidity	max. 40%
Recommended deployment location	Thanks to its design and low noise output (with optional silent kit), the system is optimally equipped for use in the office. With the 19" rack assembly conversion kit, the server can also be installed in a rack.