Datasheet

Server tower Intel Dual-CPU TI2506-INXSN+

[Ver. 3.0]

Highlights at a glance:

- Incl. 1x Intel Xeon Silver 4410Y, can be expanded to up to 2x CPUs (8 - 60 cores)

- Incl. 32 GB RAM, upgradeable up to 1.536TB RAM, (16 DIMMs)

- 6x 3.5" / 2.5" (Hot-swap) up to 184.32 TB, SSDs: 184.32 TB

- Expandable with 6 FP/ HL add-on card(s), 6x PCIe 5.0 x16

- Integrated IPMI (dedicated NIC)

- Conversion kit available (for use with a 19" rack).

Mainboards

Manufacturer	Gigabyte
Mainboards	MS73-HB0
Chipset	Intel C741
Socket	Intel LGA 4677
Processor	Intel Xeon Scalable 4th/5th Gen (Sapphire/Emerald Rapids)
Main Memory	16 DIMMs 1.5 TiB DDR5 4800/5600 RDIMM
LAN Onboard	2 x 1 GBit/s LAN (RJ-45) 2x 10 Gbit/s LAN (RJ-45)
LAN chipset	Intel I210-AT, Intel X710-AT2
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	2x USB (rear) 3.2 Gen1 3.2 Gen1 2x USB on board (type A) 3.2 Gen1

Extension-slots for additional cards

PCI slots (mainboard)	6x PCIe 5.0 x16
Available slots in the chassis	6x Full profile/Half Length

Onboard ports

SATA-3 (6 Gb/s)	14x SATA-3 (6 Gbit/s)
M.2	2 x M.2 PCIe 3.0 x4
M.2 form factor	2280, 22110

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	GIGABYTE Management Console
Remote management	Integrated IPMI (dedicated NIC)

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

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.