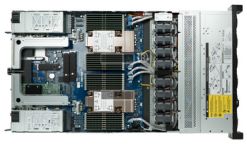
Datasheet

1U Intel Dual-CPU RI2112-GIXSN Server

[Ver. 1.0]

Highlights at a glance:

- Incl. 1x Intel Xeon 6505P, can be expanded to up to 2x CPUs (8 - 144 cores)
- Incl. 16 GB RAM, upgradeable up to 3.072TB RAM, (32 DIMMs)
- 12x 2.5" Storage devices (Hot-swap), Capacities up to 92.16 TB (SSD), 184.32 TB (NVMe)
- 2 x 1 GBit/s LAN (RJ-45)
- Expandable with up to 4 add-on cards
- Energy-efficient power supply 80 PLUS Titanium (>96%)
- Integrated IPMI (dedicated NIC)



Mainboards

Manufacturer	Gigabyte
Mainboards	MS94-FS0-000
Chipset	Intel System on Chip
Socket	Intel LGA 4710
Processor	Intel Xeon 6
Main Memory	32 DIMMs 3 TiB DDR5 5200/6400 RDIMM

LAN Onboard	2 x 1 GBit/s LAN (RJ-45)
LAN chipset	Intel I350-AM2
Onboard graphic	ASPEED AST2600 BMC
Additional card (optional)	PNY NVIDIA RTX A1000 (8GB)
USB ports	2x USB on board (type A)

Extension-slots for additional cards

Available slots in the chassis	4x

Onboard ports

mSATA	0x mSATA
M.2	2 x M.2 PCIe 5.0 x4
M.2 form factor	2280, 22110

Drives / storage capacity

Drive slots (total)	12x 2.5" (Hot-swap)
Max. capacity HDD (SATA)	92.16 TB
Max. capacity SSD (SATA)	92.16 TB
Max. capacity SSD (U.2 NVMe)	184.32 TB

Server management

Remote management	Integrated IPMI (dedicated NIC)

Power supply

Power supply unit	2x 1600 Watt redundant power supply unit (80plus Titanium) (1U GIGABYTE R184-S92-AAV1)
energy efficiency	96%