

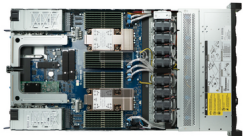
Datasheet

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
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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)
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Power supply

Power supply unit	2x 1600 Watt redundantes Netzteil (80plus Titanium) (1HE GIGABYTE R184-S92-AAV1)
energy efficiency	96%