

# Datasheet

## 2U AMD Single-CPU RA1208-GIEPG Server

[Ver. 1.0]

### Highlights at a glance:

- Incl. 1x AMD EPYC 9015, can be expanded to up to 1x CPUs (8 - 128 cores)
- Incl. 16 GB RAM, upgradeable up to 1.152TB RAM, (12 DIMMs)
- 8x 2.5" drives (Hot-swap), capacity up to 245.76 TB (SSD), 61.44 TB (NVMe)
- Expandable with 8 FP and 2 LP add-on cards, 10x PCIe 4.0 x16
- Up to 8 GPUs possible
- Integrated IPMI (dedicated NIC)
- Optimally suited for use with desktop virtualization or GPU computing



### Mainboards

Manufacturer	Gigabyte
Socket	AMD SP5
Processor	AMD EPYC 9004 (Genoa), AMD EPYC 9005 (Turin)
Main Memory	12 DIMMs 1.125 TiB DDR5 4800/5600/6400
LAN chipset	Broadcom BCM57416
Additional card (optional)	PNY Nvidia Tesla T4 (16GB, 2560 Cores)

### Extension-slots for additional cards

PCI slots (mainboard)	10x PCIe 5.0 x16
-----------------------	------------------

## Onboard ports

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

## Drives / storage capacity

Drive slots (total)	8x 2.5" (Hot-swap) 0x 2.5" 02.5" (rear of chassis, hot-swap)
SAS / SATA slots	8x SAS / SATA
NVMe / SAS / SATA hybrid slots	4x NVMe / SAS / SATA (hybrid)
Backplane	SATA / SAS-3 / NVMe (12 Gb/s)
Max. capacity HDD (SAS)	245.76 TB
Max. capacity HDD (SATA)	61.44 TB
Max. capacity SSD (SATA)	61.44 TB
Max. capacity SSD (SATA)	245.76 TB
Max. capacity SSD (U.2 NVMe)	61.44 TB

## Server management

Remote management	Integrated IPMI (dedicated NIC)
-------------------	---------------------------------

## Chassis

Unit	2U
Dimensions	87.5 mm (H), 448 mm (W), 850 mm (D), 850 mm (D) (incl. front panel)
drives (in scope of delivery)	not contained, optional available
Drives (optional)	External USB-drives