

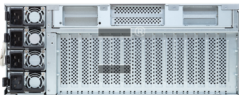
Datasheet

4U AMD Dual-CPU RA2412-GIEPG Server

[Ver. 1.0]

Highlights at a glance:

- Incl. 2x AMD EPYC 9015, can be expanded to up to 2x CPUs (8 - 128 cores)
- Incl. 64 GB RAM, upgradeable up to 2.304TB RAM, (48 DIMMs)
- 12 Storage devices , Capacities up to 92.16 (SSD), 184.32 TB (NVMe)
- Expandable with 11 FP and 3 LP expansion cards, 14x PCI-E 4.0 x16
- Up to 8 GPUs possible
- Energy-efficient power supply 80 PLUS Titanium (>96%)
- Optimally suited for use with desktop virtualization or GPU computing



Mainboards

Manufacturer	Gigabyte
Mainboards	MZB3-G41-000
Socket	AMD SP5
Processor	AMD EPYC 9004 (Genoa), AMD EPYC 9005 (Turin)
Main Memory	48 DIMMs 2.25 TiB DDR5 4800
Additional card (optional)	PNY NVIDIA RTX PRO 2000 Blackwell (16GB)

Extension-slots for additional cards

PCI slots (mainboard)	8x PCIe 5.0 x16
Available slots in the chassis	14x

Onboard ports

M.2	2 x M.2 PCIe 3.0 x4
M.2 form factor	2280, 22110

Drives / storage capacity

Drive slots (total)	12 0x 2.5"
SAS / SATA slots	12x SAS / SATA
NVMe / SAS / SATA hybrid slots	12x NVMe / SAS / SATA (hybrid)
Backplane	SATA / SAS-3 / NVMe (12 Gb/s)
Max. capacity HDD (SATA)	92.16 TB
Max. capacity SSD (SATA)	92.16 TB
Max. capacity SSD (U.2 NVMe)	184.32 TB

Chassis

Unit	4U
Dimensions	176 mm (H), 448 mm (W), 1001 mm (D),
Front USB ports	2

Power supply

Power supply unit	4x 3000 Watt Hot Swap Netzteileinschub (80 plus Titanium)
energy efficiency	96%

Rack Assembly

Assembly rails	contained in the scope of supply
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environment-requirements

Recommended deployment location	To ensure the optimal cooling of the system, we recommend running the server in an air conditioned server room and as part of a rack installation. The server is not ideal for use in an office environment due to its high noise levels.
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