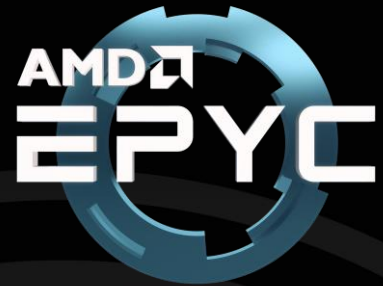# blackcore
by exacta

Dual Socket AMD EPYC GPU Server

2U high performance, high density enterprise GPU compute server. Built on AMD EPYC™ processors.

This system supports dual 2nd and 3rd Generation AMD EPYC™ processors up to 240W cTDP and all the benefits that come with it.

A staggering 128 PCIe Gen4 lanes per CPU allows you to unlock the true capability of multi-GPU servers. This system supports 8 double width GPUs at full x16 PCIe Gen4 speeds.

Up to 4TB of high speed 3200MHz ECC RAM can be installed for managing large data sets in RAM.

Ultimately providing an extremely high-performance system with extreme CPU and GPU density for compute intensive tasks, such as handling large data sets, market research, quantitative analytics and back-testing.

Superior reliability and long-term support come as standard.

Server Specs

Dual
EPYC
2nd+3rd Gen
(240W)

Up to
8x GPU
X16 PCIe
Gen4

Nvidia
Quadro RTX
support

GIGABYTE™

2U - 8 GPU Server

CPU	Dual socket AMD EPYC™ 7002 or 7003 series CPUs up to 240W cTDP
RAM	Up to 4TB of ECC 3200MHz DDR4
PCIe	8 x PCIe x16 slots (Gen4 x16 bus) for GPUs 2 x PCIe x16 slots (Gen4 x16 bus) Half-length low-profile slots
LAN	2 x 10Gb/s BASE-T LAN ports (Intel® X550-AT2 controller) 1 x 10/100/1000 management LAN
Rear I/O	2 x USB 3.0 1 x VGA 1 x Power button with LED 1 x ID button with LED 1 x Reset button 1 x NMI button 1 x System status LED
RAID	Hardware RAID optional
Storage	8 x SAS/SATA 2.5" or 4 x Gen3 U.2 ports and 4 x SAS/SATA 2.5"
PSU	2+0 2200W 80 PLUS Platinum
IPMI	ASPEED AST2500 management
Dimensions	448mm x 87.5mm x 800mm