



QCT Server Solutions Powered by AMD

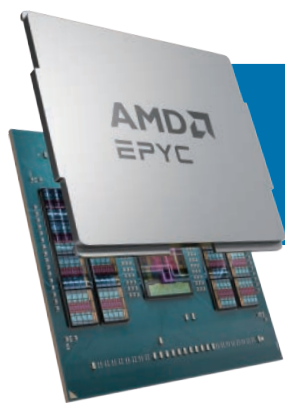


QCT systems supporting AMD EPYC™ latest 9006 Series processors, AMD Instinct™ MI300X/MI325X GPUs, and compatible with AMD Instinct™ MI350X GPUs

| QuantaGrid S46V-1U | QuantaGrid D76W-2U | QuantaGrid D75T-7U |
| QuantaGrid S44NL-1U | QuantaGrid D44N-1U |



Elevated Data Center Performance with AMD EPYC™ 9006 Series Processors



QCT supports next-generation AMD EPYC™ 9006 series processors for cloud, enterprise, and AI

AMD EPYC™ 9006 series processors deliver breakthrough compute density, memory throughput, and I/O scalability, while QCT platforms are optimized for next-generation AI and HPC workloads.

AMD EPYC™ 9006 series processors featuring:

- Up to 256 cores
- Zen 6 architecture
- Up to 1.6TB/s memory bandwidth
- PCIe Gen6 support
- Advanced 2nm technology

QCT Product Info



Enterprise



SDS/HCI



QuantaGrid S46V-1U



Virtualization



QuantaGrid S44NL-1U

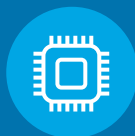
HPC



Design &
Simulation



QuantaGrid D44N-1U



IC design &
EDA



QuantaGrid D75T-7U

AI/Acceleration



Machine
Learning



AI Training &
Inferencing



QuantaGrid D76W-2U

QuantaGrid S46V-1U

Leadership Performance in Cloud and HPC



- Powered by latest AMD EPYC™ 9006 series Server CPU
- PCIe® Gen6 platform ready, supports up to 3x PCIe Gen 6 expansion slots
- Enhanced serviceability with tool-less, hot pluggable designs

Processor	(1) AMD EPYC™ 9006 SP7 Server CPU, up to 600W PPT
Memory	(16) DDR5 DIMM Slots, 8000MT/s (RDIMM), 12800 MT/s (MRDIMM)
Networking	(1) Dedicated 1GbE management port
Storage	Option 1: (12) Hot-swappable PCIe 5.0 NVMe/ SATA/SAS 2.5" SSDs Option 2: (16) Hot-swappable PCIe 6.0 E1.S SSDs Option 3: (16) Hot-swappable PCIe 6.0 E3.S SSDs (2) PCIe 4.0 2280/22110 M.2 SSDs
Expansion Slot	Option 1: (2) FHHL PCIe 6.0 x16 slots + (1) OCP 3.0 slots Option 2: (3) HHHL PCIe 6.0 x16 slots + (1) OCP 3.0 slots
Form Factor	1U rackmount server
Dimensions	(W) 447 x (H) 43.2 x (D) 780mm

QuantaGrid D76W-2U

Built for Ultimate AI Performance



- Supports NVIDIA Rubin GPUs with more than 2x AI computing performance for agentic AI workloads
- Supports the latest AMD EPYC™ 9006 series Server CPUs, featuring PCIe Gen6
- Provides up to 800 Gb/s InfiniBand/Ethernet connectivity through NVIDIA® BlueField®-4 DPUs and ConnectX®-9 SuperNIC™ adapters

Processor	(2) AMD EPYC™ 9006 SP7 Server CPUs, up to 600W PPT
Memory	(32) DDR5 RDIMM up to 8,000 MHz, (32) MRDIMM up to 128,000 MHz
Networking	(8) OSFP ports serving (8) single-port NVIDIA ConnectX®-9 (1) Dedicated LAN port (RJ45) for BMC management (1) 1GbE LAN port (RJ45)
Storage	(8) Hot-swappable PCIe 6.0 E1.S SSDs (2) PCIe 4.0 2280 M.2 SSDs
Expansion Slot	(1) FHFL SW PCIe 6.0 x16 slot for NVIDIA® BlueField®-4
Cooling	Full liquid cooling
Power	54V DC busbar
Form Factor	2U rackmount server
Dimensions	(W) 448 x (H) 87 x (D) 800mm

QuantaGrid D75T-7U

Transform Computational Capabilities and Achieve High Performance



- Compatible with AMD Instinct™ MI350X GPUs
- Powered by dual AMD EPYC™ 9004/9005 series Server CPU with up to 500W TDP
- Enhanced serviceability with tool-less, hot-swappable designs
- Accelerated parallel computing performance for the most extreme AI-HPC workloads

Processor	(2) AMD EPYC™ 9004/9005 series Server CPU, up to 500W TDP
Memory	(24) DDR5 RDIMM up to 6400 MHz
Accelerator	(8) AMD Instinct™ MI300X/MI325X GPUs; compatible with AMD Instinct™ MI350X GPUs (8) NVIDIA H200 SXM GPUs
Storage	(18) Hot-swappable PCIe 5.0 2.5" SSDs
Networking	(1) Dedicated 1GbE management port
Expansion Slot	(2) FHHL DW PCIe 5.0 x16 slots (8) HHHL SW PCIe 5.0 x16 slots
Form Factor	7U rackmount Server
Dimensions	(W) 448 x (H) 308 x (D) 950mm

QuantaGrid S44NL-1U

Cost-effective Server with Scalable Expansion Options and Optimized Performance



- *Powered by single AMD EPYC™ 9004/9005 series Server CPU, up to 500W TDP*
- *Advanced air-cooling architecture supporting top-bin CPUs*
- *Liquid cooling-ready by design*
- *Up to 5x PCIe® 5.0 expansion slots and the DC-SCM architecture to meet different configuration needs*
- *Featuring up to 3x single width accelerators to support AI inference workloads*
- *Cost-efficient system targeting mainstream cloud, enterprise, networking, and edge workloads*

Processor	(1) AMD EPYC™ 9004/9005 Series processor, up to 500W TDP
Memory	(24) DDR5 RDIMM up to 6000 MHz
Networking	(1) Dedicated 1GbE management port
Storage	Option 1: (12) Hot-swappable PCIe 5.0 NVMe/SATA/SAS 2.5" SSDs Option 2: (16) Hot-swappable PCIe 5.0 E1.S SSDs
Expansion Slot	Option 1: (3) HHHH PCIe 5.0 x16 slots + (2) OCP 3.0 slots Option 2: (2) FHHL PCIe 5.0 x16 slots + (2) OCP 3.0 slots
Form Factor	1U rackmount Server
Dimensions	(W) 440 x (H) 43.2 x (D) 780mm

QuantaGrid D44N-1U

Ultimate 1U Server with AMD EPYC Performance Breakthrough



- *Powered by dual AMD EPYC™ 9004/9005 series Server CPU, up to 500W TDP*
- *Advanced air-cooling architecture supporting top-bin CPUs*
- *Liquid cooling-ready by design*
- *Up to 5x PCIe 5.0 expansion slots and the DC-SCM architecture to meet different configuration needs*
- *Featuring up to 3x single width accelerators to support AI inference workloads*
- *System optimized for cloud, enterprise, AI, and data center workloads*

Processor	(2) AMD EPYC™ 9004/9005 Series processor, up to 500W TDP
Memory	(24) DDR5 RDIMM up to 6000 MHz
Networking	(1) Dedicated 1GbE management port
Storage	Option 1: (12) Hot-swappable PCIe 5.0 NVMe/SATA/SAS 2.5" SSDs Option 2: (16) Hot-swappable PCIe 5.0 E1.S SSDs
Expansion Slot	Option 1: (3) HHHH PCIe 5.0 x16 slots + (2) OCP 3.0 slots Option 2: (2) FHHL PCIe 5.0 x16 slots + (2) OCP 3.0 slots
Form Factor	1U rackmount Server
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About QCT

Quanta Cloud Technology (QCT) designs, manufactures, integrates and services cutting edge offerings for 5G Telco/Edge, AI/HPC, Cloud, and Enterprise infrastructure via its own global network. Product lines include hyper-converged and software-defined data center solutions as well as servers, storage, and network switches from 1U to entire racks with a diverse ecosystem of hardware components and software partners to fit a variety of business verticals and workload parameters.

<https://www.qct.io/>

[www.QCT.io](https://www.qct.io/)



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