



Quant
ELEVATING TECHNOLOGY

SERVERS CATALOG 2026



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Quant International is a leading global provider of high-quality, innovative technology solutions, dedicated to revolutionizing the security industry.

Established with a vision to elevate technology standards, Quant is committed to delivering products that are not only reliable but also at the forefront of technological advancements.

Headquartered in Kuala Lumpur, Malaysia, Quant International has established a strong reputation by specializing in the development and distribution of advanced security systems. Our comprehensive product portfolio includes state-of-the-art access control solutions, robust server systems, PoE switches, UPS (Uninterruptible Power Supply), and a wide range of essential accessories—each designed to integrate seamlessly into modern security infrastructures.



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Our Commitment to Quality

Quality is at the heart of everything we do at Quant. We adhere to stringent quality control processes at every stage of product development, from design to manufacturing, ensuring that every product that bears the Quant name meets the highest standards of excellence. Our commitment to quality is reflected in the trust our clients place in our products, knowing that they are backed by extensive research, rigorous testing, and a deep understanding of the industry.

Innovation and Technology

In a rapidly evolving technological landscape, staying ahead requires continuous innovation. At Quant, we invest heavily in research and development, always seeking new ways to improve our products and introduce groundbreaking solutions to the market. Our team of experts works tirelessly to anticipate industry trends and develop products that not only meet today's needs but also prepare our clients for the challenges of tomorrow.

Global Presence and Support

With a global footprint, Quant International serves clients in diverse regions, providing tailored solutions that address local market requirements. Our dedicated customer support team is available to assist with everything from system design and product selection to installation and post-sales support, ensuring a smooth and efficient experience for our clients.

Our Mission

Quant International's mission is to empower businesses with cutting-edge technology solutions that enhance security, improve operational efficiency, and protect valuable assets. We believe that by providing superior products and exceptional service, we can help our clients achieve their security goals and create safer environments for their employees, customers, and stakeholders.

QUANT COMPUTE EDGE**Performance-Optimized Platforms for Video Management & Storage Applications****5**

1U VMS Server

2U VMS Server

2U 64 Channel Storage Server

3U 128 Channel Storage Server

4U 256 Channel Storage Server

2U Database Server

QUANT HYPER RACK**Enterprise-Grade High-Density Storage Platforms for AI, Big Data, & Video Archiving****7**

6U Storage Server 1.2 Petabyte

6U Storage Server 1.72 Petabyte

8U Storage Server 2.13 Petabyte

QUANT AI CORE**High-Performance GPU Computing Platforms for AI, Deep Learning, & HPC****8**

Tower GPU Database Server

4U Rack 4 GPU Database Server

4U Rack 8 GPU Database Server

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Quant Compute Edge - Performance-Optimized Platforms for Video Management & Storage Applications

NO.	DESCRIPTION	
ComputeEdge CR1120  Data sheet	1U VMS Server	<ul style="list-style-type: none"> Intel Xeon Gold 6148 2.4G processor 32 GB DDR4-2666 RDIMM memory 10 × 2.5" hot-swap bays (2 NVMe + 8 SAS/SATA) Broadcom BCM9460-8i RAID controller (2 GB cache) 2 × 1GbE onboard + 2 × 10GbE RJ45 network ports 1 × PCIe Gen3 (x16) expansion slot Dual 800W redundant PSU IPMI v2.0 + KVM over IP management Supports Windows Server 2019 & Linux (Red Hat / Ubuntu)
 3 YEARS WARRANTY		
ComputeEdge CR2196  Data sheet	2U VMS Server	<ul style="list-style-type: none"> Intel® Xeon® E5-2630V3, 8-Core, 2.4 GHz 32 GB DDR4 RECC, expandable up to 512 GB 2 × 480 GB SATA SSDs 8 × 3.5"/2.5" hot-swap bays LSI 9364-8i RAID controller (RAID 0/1/5/6/10/50/60) NVIDIA® Quadro K1200 (4 GB, 4 × DP, 4K support) 3 × PCIe 3.0 x16 expansion slots 2U rackmount server with Intel C612 chipset
 3 YEARS WARRANTY		
ComputeEdge CR2296  Data sheet	2U 64 Channel Storage Server	<ul style="list-style-type: none"> Intel® Xeon® Silver 4310, 12-Core, 2.1 GHz 32 GB DDR4 RECC, expandable up to 512 GB (8 DIMM slots) 2 × 480 GB SATA SSDs 8 × 3.5"/2.5" hot-swap drive bays LSI 9364-8i RAID Controller (RAID 0/1/5/6/10/50/60) NVIDIA® T1000 8 GB, 4 × DisplayPort (4K supported) Multiple Expansion Slots: <ul style="list-style-type: none"> 4 × PCIe 4.0 x16, 3 × PCIe 4.0 x8, 2 × M.2 x4 2U Rackmount Server with Intel C620 Server-Class Chipset
 3 YEARS WARRANTY		
ComputeEdge CR3352  Data sheet	3U 128 Channel Storage Server	<ul style="list-style-type: none"> Intel® Xeon® Silver 4310, 12-Core, 2.1 GHz 32 GB DDR4 RECC, expandable up to 512 GB (8 DIMMs) 2 × 480 GB SATA SSDs 16 × 3.5"/2.5" hot-swap drive bays Broadcom 9460-16i RAID Controller (4 GB cache, RAID 0/1/5/6/10/50/60) NVIDIA® T1000 8 GB, 4 × DisplayPort (4K Supported) Multiple Expansion Slots: <ul style="list-style-type: none"> 4 × PCIe 4.0 x16, 3 × PCIe 4.0 x8, 2 × M.2 x4 3U Rackmount Server with Intel C621A Server Chipset
 3 YEARS WARRANTY		

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Quant Compute Edge - Performance-Optimized Platforms for Video Management & Storage Applications




NO.	DESCRIPTION	
ComputeEdge CR4528  Data sheet	4U 256 Channel Storage Server	<ul style="list-style-type: none"> • Dual Intel® Xeon® Gold 6133, 20 Cores, 2.5 GHz • 64 GB DDR4 RECC (expandable up to 512 GB, 16 DIMMs) • 2 × 480 GB SATA SSDs • 24 × 3.5"/2.5" hot-swap drive bays • Broadcom 9460-16i RAID Controller (4 GB cache, RAID 0/1/5/6/10/50/60) • NVIDIA® RTX A2000 6 GB GDDR6 • Multiple Expansion Slots: • 3 × PCIe 3.0 x16, 3 × PCIe 3.0 x8, 2 × M.2 NVMe x4 • 4U Rackmount Server with Intel® C621 Dual-Way Chipset
ComputeEdge CR2144  Data sheet	2U Database Server	<ul style="list-style-type: none"> • Dual Intel® 5th Gen Xeon® Scalable Processors • Supports 32× DDR5 ECC RDIMM (up to 4 TB) • Flexible storage: up to 24× U.2 NVMe, front/rear hot-swap bays • 6× PCIe 5.0 slots + front USB • Supports up to 6 GPUs • Broadcom MegaRAID / Quant-approved RAID • 1× 1GbE management port + OCP3.0 NIC slot • 2U Rackmount Server



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Quant Hyper Rack - Enterprise-Grade High-Density Storage Platforms for AI, Big Data, & Video Archiving




NO.	DESCRIPTION	
HyperRack XR61440  Data sheet	6U Storage Server 1.2 Petabyte	<ul style="list-style-type: none"> Dual Intel® Xeon® Scalable (2nd Gen) processor support 32GB DDR4 ECC memory (16 DIMM slots) 60 × 3.5"/2.5" front hot-swap bays + 2 × rear 2.5" bays Supports up to 1.44 PB raw capacity 12 Gb/s SAS & 6 Gb/s SATA via expander backplane Broadcom MegaRAID 9460-16i (4 GB cache), RAID 0/1/5/6/10/50/60 PCIe Expansion: 3 × PCIe 3.0 x8, 3 × PCIe 3.0 x16, plus 2 × M.2 slots 6U high-density rackmount storage server
HyperRack XR61720  Data sheet	6U Storage Server 1.72 Petabyte	<ul style="list-style-type: none"> Dual Intel® Xeon® Scalable (2nd Gen) processors 64 GB DDR4, expandable up to 1 TB 72 × 3.5"/2.5" hot-swap SAS bays Supports up to 1.728 PB raw capacity Dual 12 Gb/s SAS expander backplane Broadcom MegaRAID 9460-16i (4 GB cache), RAID 0/1/5/6/10/50/60 PCIe Slots: 3 × PCIe 3.0 x16 + 3 × PCIe 3.0 x8 2 × M.2 (PCIe 3.0 x4 / SATA) 4 × 1GbE ports + 1 × IPMI management port 6U high-density rackmount storage server
HyperRack XR82136  Data sheet	8U Storage Server 2.13 Petabyte	<ul style="list-style-type: none"> Intel® C621A platform with 64-bit multi-core processor 64 GB ECC DDR4, expandable up to 1 TB / 4 TB LRDIMM 72 drive bays (65 active), up to 1.56 PB raw / 2.136 PB max Dual expander backplane with 12 Gb/s SAS & 6 Gb/s SATA RAID 0/1/5/6/10 + hot spare with advanced RAID features 2 × 1GbE RJ45, optional 2 × 10GbE SFP+, plus IPMI 2 × M.2 (PCIe 3.0 x4 / SATA, 2280/22110) Supports iSCSI, CIFS, NFS protocols Up to 1024 logical volumes



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Quant AI Core - High-Performance GPU Computing Platforms for AI, Deep Learning, & HPC

NO.	DESCRIPTION	
AICore XT960-G4  Data sheet	Tower GPU Database Server	<ul style="list-style-type: none"> • Supports 4× dual-width, full-height GPUs • 8× hot-swappable 3.5"/2.5" drive bays • 2× 10GbE ports + 1× IPMI management port • Multiple PCIe Gen3 x16 / x8 expansion slots • 1600W (1+1) redundant Platinum PSU • Advanced multi-fan cooling with intelligent thermal control • Tower 8-bay GPU chassis (optional 4U rackmount) • Supports Windows Server 2019 & major Linux distros • IPMI remote management / BMC support
AICore XR960-H4  Data sheet	4U Rack 4 GPU Database Server	<ul style="list-style-type: none"> • Dual Intel® Xeon® Scalable (2nd Gen) processors • 64 GB DDR4, expandable up to 1 TB • 72 × 3.5"/2.5" hot-swap SAS bays • Supports up to 1.728 PB raw capacity • Dual 12 Gb/s SAS expander backplane • Broadcom MegaRAID 9460-16i (4 GB cache), RAID 0/1/5/6/10/50/60 • PCIe Slots: 3 × PCIe 3.0 x16 + 3 × PCIe 3.0 x8 • 2 × M.2 (PCIe 3.0 x4 / SATA) • 4 × 1GbE ports + 1 × IPMI management port • 6U high-density rackmount storage server
AICore XR144-H8  Data sheet	4U Rack 8 GPU Database Server	<ul style="list-style-type: none"> • Dual Intel® Xeon® Silver 4310 (12-core, 2.1 GHz) • 128 GB DDR4 ECC, expandable up to 1 TB • Supports 4× full-height, double-width GPUs • 8× hot-swappable drive bays • 6× PCIe 4.0 x16, 1× PCIe 4.0 x8, plus 2× M.2 PCIe 4.0 x4 • 2× 10G-Base-T Ethernet + 1× IPMI • 2000W (1+1) redundant Platinum PSU • High-efficiency GPU-optimized cooling • 4U AI-optimized rackmount GPU server






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FOR MORE INFORMATION

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