

S6N | D44N-1U

Let Hyperscalers meet your bespoke requirements!

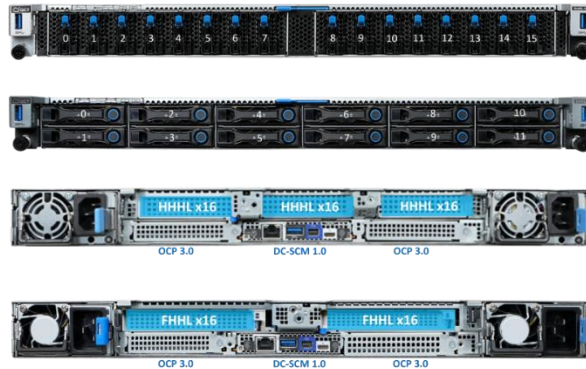
Start customizing your S6N | D44N-1U today!

Ultimate 1U Server with Performance Breakthroughs of AMD EPYCTM 9004 Series Processors

- Powered by a single AMD EPYC™ 9004 Series server processor
- Advanced air-cooling architecture supporting top-bin 400W TDP CPUs
- Liquid cooling-ready by design
- Up to 5x PCIe Gen 5 expansion slots and the
- DC-SCM architecture to meet different configurations
- System optimized for cloud, enterprise, AI, HPC, networking, security and IoT workloads



Flexible and Scalable Configurations



- Flexible drive bay options from E1.S to 2.5" SKUs, all ready for PCIe Gen 5
- to Up16x E1.S NVMe drives or 12x 2.5" NVMe/SATA/SAS drives, targeting high-performance hot-tier storage, HPC, and enterprise workloads
- Supports 2x M.2 SSDs onboard for OS installation
- Built-in AI acceleration: supports up to 2x single-width accelerators in a 1U1P system
- Up to 5x PCIe 5.0 slots, supporting 400GbE networking bandwidth in PCIe x16 Gen5 slots in a 1U1P system

About Hyperscalers

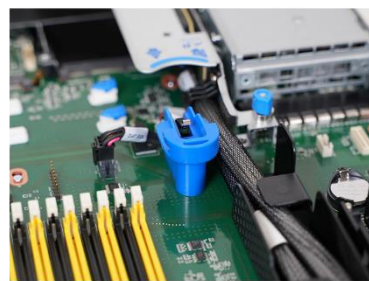
World's First Open OEM

Free Of Proprietary Software Lock-Ins

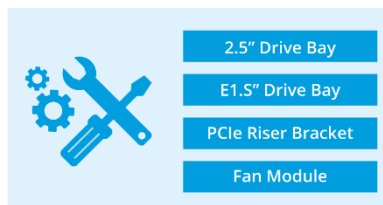
Free Of Proprietary Hardware Lock-Ins

US Stock Full US Warranty

100% Channel Distributor Metro Delivery 1-4 Days



Quick Deployment with Great Serviceability



- Tool-less, hot-swap designs for drive trays, riser brackets, PSU and fan modules
- Supports OCP3.0 pull-tab & ejector to allow easy service without opening the chassis.

Enhanced Security with Intrusion Design

- Alerts the server administrator when the top cover is removed while AC/DC is turned on
- Chassis Intrusion switch sends a signal to the BMC
- The BMC records the chassis open event and saves it into the log
- The server administrator can monitor if anyone ever opens the chassis.

Easy Management



- Delivers secure and dynamic data administration for data center resources
- Monitors up to 5000 devices per Orqestra module.



S6N | D24N-1U Specifications

Processor	Processor Type: AMD EPYC™ 9004 Series Server Processors Max. TDP Support: cTDP up to 400W Number of Processors: (2) Processors Internal Interconnect: 16 GT/s L3 Cache: Up to 384 MB
Form Factor	1U Rackmount
Dimensions	W x H x D (inch): 17.6" x 1.7" x 30.7" W x H x D (mm): 447 x 780 x 43.2
Chipset	SoC
Storage	Default Configuration: SATA/ SAS/ NVME support 2.5" Hot-plug E1.S" All Flash SATA/ SAS/ NVME support SKU - #1 : (12) 2.5" hot-plug NVMe/SATA/SAS SSD SKU - #2 : (16) E1.S hot-plug NVMe SSD SKU - #3 : (12) E1.S hot-plug NVMe SSD
Memory	Total Slots 24 Capacity Up to 8TB (256Gx32) of memory capacity Memory Type 4800 MHz DDR5 RDIMM/LRDIMM Memory Size 16G, 32G, 64G, 128G, 256G RDIMM/LRDIMM/3DS DIMM
Expansion Slot	Default Configuration (3) PCIe Gen5 x16 HHHH (2) PCIe Gen5 x16 OCP 3.0 SFF SKU - #1 : (2) PCIe Gen5 x16 HHHH (2) PCIe Gen5 x16 OCP 3.0 SFF SKU - #2 : (2) PCIe Gen5 x16 FHHL (2) PCIe Gen5 x16 OCP 3.0 SFF
Network Controller	LOM Dedicated (1) GbE management port Optional NIC Broadcom MegaRAID 9560 Series Broadcom HBA 9500 Series
Front I/O	Front I/O: (2) USB 3.0 ports Power/ID/Reset Buttons Power/ID/Status LEDs

Storage Controller	Optional Controller: (2) 2230 PCIe Gen 3 M.2 support for boot optimization
Power Supply	1+1 High efficiency redundant hot-plug 1600W/2000W 80 Plus Titanium
Onboard Storage	(2) 2230 PCIe Gen 3 M.2
Fan	(8) hot-swap dual rotor fans
Video	Integrated AST2600 Maximum display resolution is up to 1920x1080p 32bpp@60Hz
System Management	Redfish v1.11 IPMI v2.0 Compliant, on board "KVM over IP" support Orqestra (QCT System Manager) (Optional)
Rear I/O	ID/ PFR/PWR LED PWR Button (1) USB 3.0 ports (1) Mini display port (1) COM Port (micro USB type-B) (1) RJ45 port

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About Hyperscalers

Hyperscalers is the world's first open Original Equipment Manufacturer offering proprietary-free alternative to traditional Tier 1 OEM vendors.

Hereto to solve Information technology's complexity, Hyperscalers developed the IP Appliance Design Process. Which is basically a process along with a utility, being the Appliance Optimizer Utility, which together, assists service providers 'productize' delivery of their Digital-IP.

Technology Partners



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