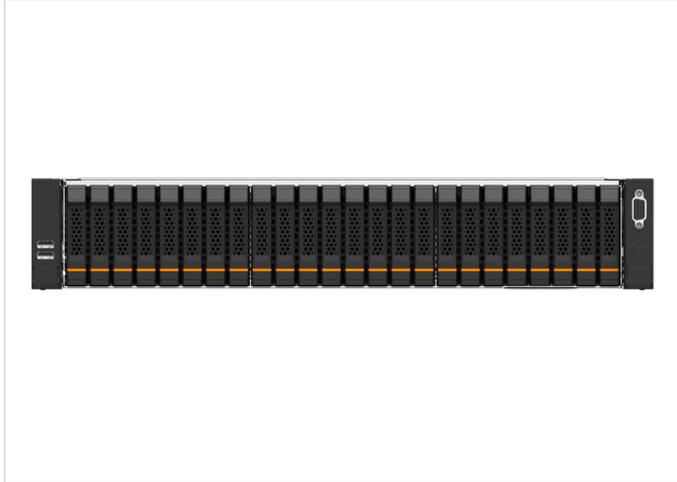


Mona 1.24 SP5-S

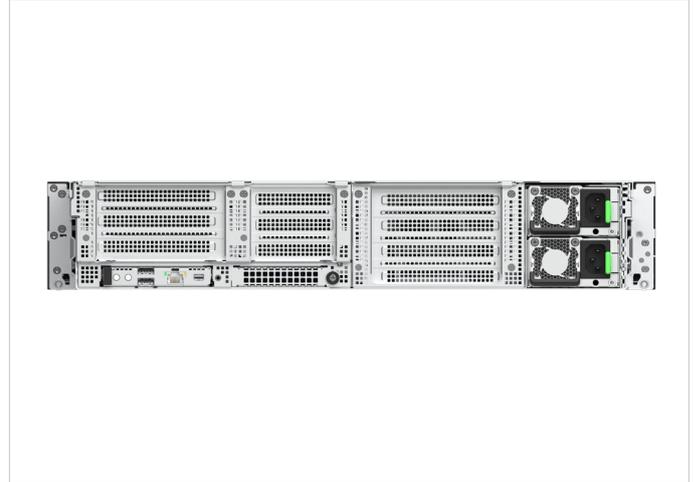
MAINSTREAM SERVER

Based on AMD EPYC™ 9005 Processors Family



No contractual

Front view



No contractual

Back view

Key Features



19-inch - 2U 1 node



Single AMD EPYC™ 9005 Processors Family



12x DDR5 @ 6000MHz



2x PCIe FHFL Gen5 x8
1x OCP 3.0 x16



Air Cooling



SCAN THE CODE!

TO DISCOVER MORE
ABOUT THIS PRODUCT

AMD EPYC™ 9005 Series Processors family

The AMD EPYC™ 9005 Series Processors is designed for unmatched performance, scalability, and energy efficiency in the most demanding data center workloads.

With up to 192 cores and 384 threads, these processors excel in enterprise applications, HPC, and AI tasks. The advanced architecture and enhanced memory and I/O bandwidth deliver superior performance per watt.

Efficient Air Cooling

The Mona is engineered for air cooling setups, ensuring unmatched efficiency in heat dissipation. This method involves using advanced aircooling technology, optimizing heat transfer over traditional methods.

Capitalizing on this, the Mona achieves precise temperature control, markedly cutting power consumption linked to thermal management.

Storage capability

The Mona platform supports up to 24 hot-swappable NVMe drives, delivering exceptional storage performance for data-intensive workloads. With ultra-low latency and high throughput, this NVMe capacity is ideal for demanding applications such as AI training, high-performance computing, real-time analytics, and large-scale virtualization.

The modular design ensures easy maintenance and scalability, enabling seamless expansion as storage requirements grow.

Enhanced Power Efficiency

The Mona is engineered with a dedicated emphasis on energy efficiency, fostering sustainable and cost-effective data center operations.

Air cooling technology plays a pivotal role in curbing power consumption, contributing to substantial energy savings compared to conventional air-cooled systems.

With the energy-conscious design of the Mona data centers can markedly diminish their carbon footprint, simultaneously enjoying diminished operational expenses and enhanced environmental sustainability.

Mona 1.24 SP5-S

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SPECIFICATIONS

System	Model	Mona 1.24 SP5-S
	Form factor	19 inch
	Nodes	1 node
	Dimension	438mm (W) x 735mm (D) x 87mm (H) / 17.24in (W) x 28.94in (D) x 3.43in (H)
Storage	Front	24x SFF NVMe (PCIe x4 G5 link)
Motherboard	CPU	Single AMD EPYC™ 9xx5 Turin with AMD 3D V-Cache™ Technology Series Processor families, up to 192-core, 384 threads per processor, cTDP up to 500W
	Chipset	System on chip
	Expansion slots	Up to 2x PCIe FHFL Gen5 x8 1x OCP 3.0 x16
	BCM	Integrated Aspeed® AST2600
	TPM	TPM 2.0 Included
Memory	Total slots	12 slots
	Capacity	Up to 3TB
	Memory type	DDR5 6400Mhz RDIMM up to 256GB
I/O	Front	1x VGA port 1x UID Button 1x Power Button 1x Reset Button 2x USB 3.2 ports
	Rear	1x Power Button 1x Mini DP 2x USB 3.2 Gen1 ports 1x 1GbE Management port
Management Solution	Software	ASPEED AST2600
	Out of band remote management	WebGUI, Intelligent Platform Management Interface (IPMI)
Power Supply	Type	1+1 Redundant CRPS
	Power rating	1600W 1+1 Redundant
	Power efficiency	Titanium
Operating Environment	Operating Temperature	10°C to 35°C
	Non-operating Temperature	Storage (packed): -40°C to +70°
	Operating Relative Humidity	8% to 90% RH
	Non-operating Relative Humidity:	5% to 95% RH
Warranty	<p>2CRSi hardware warranty includes a one year, parts and labour with return to 2CRSi selling entity. Customers may purchase an extended warranty of up to 3 years on parts and labour with different support levels. Please contact 2CRSi at support@2crsi.com or reach your sales point of contact for complete warranty details including limitations and transferability. 2crsi.com/global-location</p>	