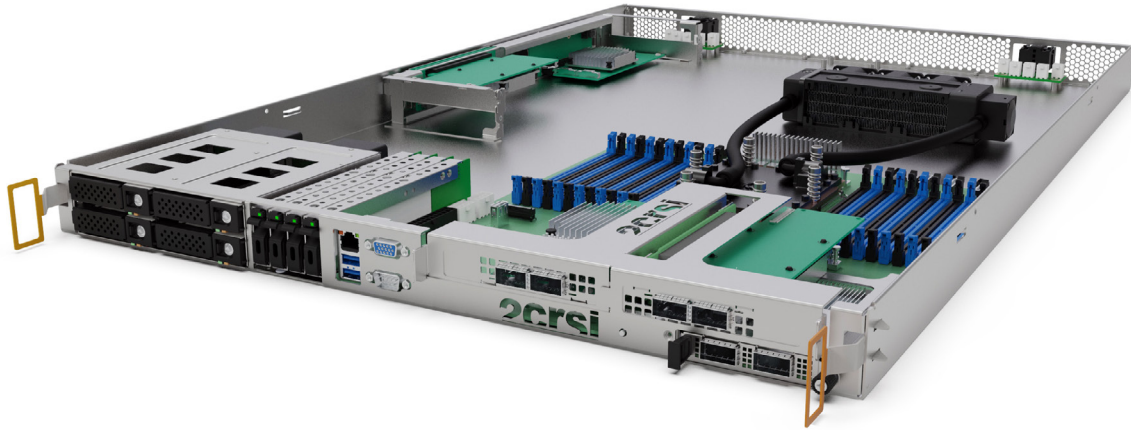


OCtoPus 1G0

OC P READY GENOA PLATFORM
General purpose server



No contractual

Key Features



21-inch 1 OpenU



Single AMD EPYC™ 9004
Socket SP5



24x DDR5 @ 4800MHz



2x PCIe 5.0 x16
1x OCP 3.0



Air Cooling with closed
loop liquid system

AMD EPYC™ 9004 Series Processors family

Introducing the AMD EPYC™ 9004 Series Processors family – a powerful and versatile platform designed to deliver exceptional performance, scalability, and security for the most demanding workloads. With up to 96 high-performance cores and 192 threads, these processors are built to handle the most intensive data center workloads, from enterprise applications to HPC and AI workloads.

The AMD EPYC™ 9004 Series Processors family also offers industry-leading security features, including Secure Memory Encryption (SME) and Secure Encrypted Virtualization (SEV), providing robust protection for your critical data and applications. Moreover, the processors are compatible with the latest PCIe 5.0 standard, enabling faster data transfer rates and reducing latency to further enhance your computing experience.

Whether you're a data center operator, cloud service provider, or enterprise user, the AMD EPYC 9004 Series Processors family offers a compelling value proposition, delivering exceptional performance, scalability, and security to help you stay ahead of the competition. Upgrade to the AMD EPYC 9004 Series Processors family today and experience the power of innovation!

Closed loop liquid CPU cooler for high TDP processor

This technology employs a closed loop liquid CPU cooler that facilitates efficient cooling of high thermal design power (TDP) processors within a height of only one Open rack unit (1OU), a feat that would be unfeasible to accomplish with air cooling.

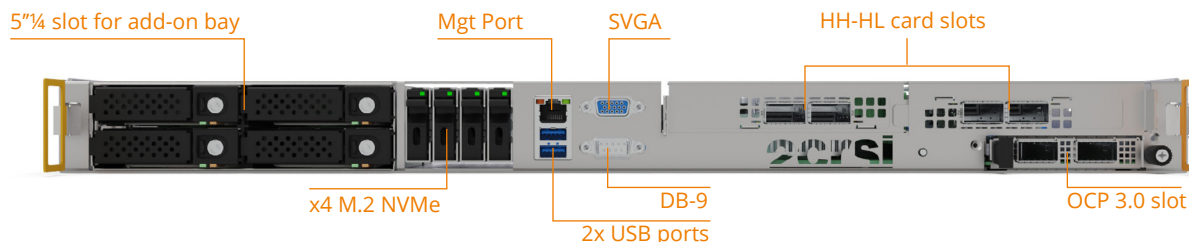


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2CRSi, Specifications are subject to change. Please verify with your sales representative for latest revision.



SPECIFICATIONS

system	Model	OCToPus 1G0
	Form factor	21-inch 1OpenU
	Nodes	1 CPU
	Dimension	788.4x 537 x 45.5mm (latch to hard stop) 31"x 21" x 1.8" (latch to hard stop)
	Cooling technology	Air Cooling with closed loop liquid system
Storage	Internal type	2x M.2 NVMe PCIe 5.0 x2 2280/22110
	External type	1x 5"¼ Storage add-on bay : <ul style="list-style-type: none"> • 5"¼ Bay for 4 x 2"½ SATA 6G or SAS 12G from 7 to 15mm height • 5"¼ Bay for 4 x U.2 NVMe from 7 to 15mm height • 5"¼ Bay for 6 x 2"½ SATA 6G or SAS 12G from 7 to 10mm height • 5"¼ Bay for 8 x 2"½ SATA 6G only 7mm height • 5"¼ Bay for 1 x 3"½ SATA 6G with key 4x M.2 NVMe 5.0x2
	RAID controller	Optional
Motherboard	CPU	Single AMD EPYC™ 9004 Series Processor
	Socket	Single Socket SP5
	Expansion slots	2x PCIe 5.0 x16 for HH-HL cards 1x PCIe 5.0 x16 OCP v3.0 LAN mezzanine slot
	BMC	Aspeed 2600
Memory	Total slots	24 (12-channel)
	Total Capacity	Up to 12TB, from 16GB to 512GB per module
	Memory type	DDR5 4800 MHz (1DPC) / 4000MHz (2DPC)
Network	Onboard	1x 1GbE Management Port dedicated to the IPMI
	OCP 3.0 Options	2x 25GbE (SFP28) 2x 100GbE (QSFP56 / QSFP28) 2x 200GbE (QSFP56)
I/O	Front	2x USB 3.2 Port (Type A) 1x SVGA 1x DB-9 COM 2x RJ45* 1x RJ45 dedicated IPMI
Management solution	Software	WebGUI, IPMI 2.0 and RESTful APIs (Redfish)
	Remote management	iKVM module, Remote Update (OoB), Platform Firmware Resilience
Power supply	Type	12V DC Busbar connector compliant to OCP ORv1 and ORv2 standard
Operating environment	Operating temperature	10°C ~ 35°C
	Non-operating temperature	-40°C ~ 70°C
	Operative relative humidity	20% ~90% (Non condensing)
Warranty	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	