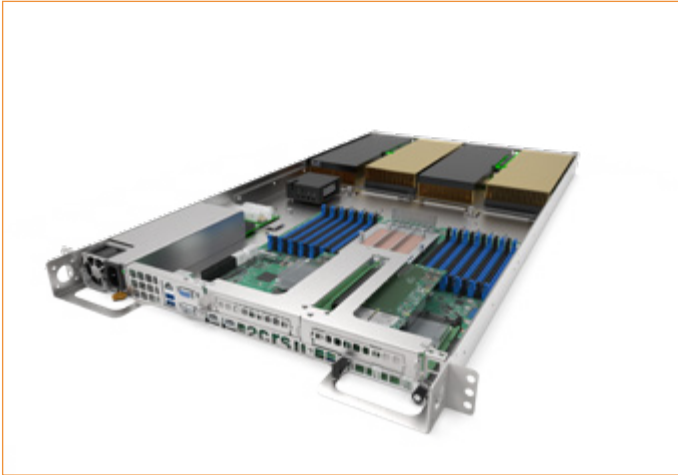


ATLANTIS 1.4G0

19-INCH 1 RACK UNIT FOR UP TO 4 GPUS



No contractual

Key Features



19-inch 1U



AMD AMD EPYC™ 9xx4
Series Processor family



24x DDR5 @ 4800MHz



4x PCIe 5.0 x16 FH FL DW
2x PCIe 5.0 x16 HH HL
1x PCIe 5.0 OCP 3.0



Immersion cooling

AMD EPYC™ 9004 Series Processors family

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.

Efficient Immersion Cooling

The Atlantis 1.4G0 is specifically designed for immersion cooling configurations, offering unrivalled efficiency in heat dissipation. The immersion cooling process involves immersing server components in a dielectric liquid, ensuring more efficient heat transfer compared to traditional air cooling methods. The Atlantis 1.4G0 capitalises on this principle, using immersion cooling to achieve precise temperature control and significantly reduce the power consumption associated with thermal management.

Optimized Density

One of the features of the Atlantis 1.4G0 is its exceptional density optimisation. By using immersion cooling, the Atlantis 1.4G0 minimises the space required for heat dissipation mechanisms such as fans and air ducts. This space-saving design makes it possible to increase the density of server racks, maximising the number of servers that can be housed in a given space. Atlantis 1.4G0 sets new standards in server density, enabling data centres to optimise their floor space and scale their operations efficiently.

Enhanced Power Efficiency

The Atlantis 1.4G0 has been designed with a focus on energy efficiency, to enable sustainable and cost-effective data centre operations. Immersion cooling significantly reduces the power consumption typically associated with air-cooled systems, resulting in substantial energy savings. Thanks to the energy-efficient design of the Atlantis 1.4G0, data centres can significantly reduce their carbon footprint while benefiting from reduced operational costs and increased environmental sustainability.



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

Atlantis 1.4G0



system	Model	Atlantis 1.4G0
	Form factor	19-inch 1U
	Dimension	482.6mm (W) x 798mm (D) x 44mm (H) 18.98" x 31.41" x 1.75" (W x D x H)
	Cooling technology	Immersion Cooling
Storage	Internal	2x M.2 NVMe PCIe 5.0 x4 22110 Optional:4x M.2 NVMe 4.0x2 22110
Motherboard	CPU	Single Socket SP5 AMD AMD EPYC™ 9xx4 Genoa, Bergamo and Genoa-X with AMD3D V-Cache™ Technology Series - cTDP Up to 400W
	Chipset	System on chip
	Expansion slots	4x PCIe 5.0 x16 FH FL DW 2x PCIe 5.0 x16 HH HL 1x PCIe 5.0 OCP 3.0
	TPM	Optional TPM 2.0 module (Nuvoton NPCT650 or INFINEON SLB9665)
	BMC	Aspeed 2600
Memory	Total slots	24 DIMMs slots (12-channel per CPU) Up to 6TB 4800 MT/s DDR5 memory
	Total Capacity	<i>Up to 12TB, from 16GB to 512GB per module</i>
	Memory type	<i>DDR5 4800 MHz</i>
Network	Onboard	2x Intel® i350-AM2: 2 RJ45 (1GbE)
	OCP 3.0 Options	1 OCP NIC 3.0 (PCIe4.0 x16)
I/O	Front	2 Type-A (USB3.2 Gen1) 2x RJ45 1x Management port 1x VGA 1x DB9 Serial Port
Management solution	Software	AMI MegaRAC
	Remote management	WebGUI, Intelligent Platform Management Interface (IPMI)
Power supply	Type	1x 2200W CRPS Titanium (96%) PSU
Operating environment	Operating temperature	10°C ~ 35°C
	Non-operating temperature	-40°C ~ 70°C
	Operative relative humidity	20% ~90% (Non condensing)
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>	