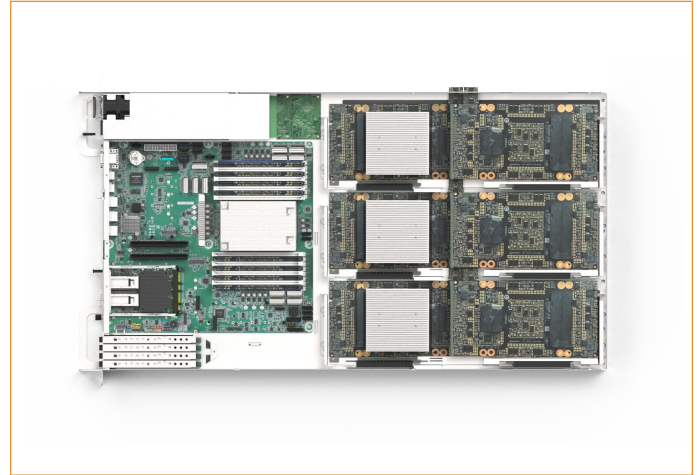


Atlantis 1.6E0

19-INCH 1 RACK UNIT FOR UP TO 6 GPUS



No contractual

Key Features



19-inch 1U



AMD EPYC™ 7xx2 and 7xx3 Series Processor family



16x DDR4 @ 3200MHz



6x PCIe 4.0 x16 for FHFL
2x PCIe 4.0 x16 for HHHL



Immersion cooling

AMD EPYC™ 7xx2 and 7xx3 Series Processor family

Elevate your data center to new heights with the AMD EPYC™ 7xx2 and 7xx3 Series Processor family. Engineered for superior performance and unparalleled efficiency, these processors deliver industry-leading capabilities that drive innovation and optimize workloads.

Why Choose AMD EPYC™?

- Outstanding Performance: Achieve up to 64 cores per processor, enabling lightning-fast data processing and multitasking.
- Advanced Security: Benefit from AMD Infinity Guard, offering robust security features to protect your most critical data.
- Energy Efficiency: Maximize energy savings without compromising on power, thanks to AMD's cutting-edge 7nm technology.
- Scalability: Easily scale your infrastructure with flexible configurations and seamless integration into existing systems.

Experience the power of AMD EPYC™ 7xx2 and 7xx3 Series Processors – the ultimate solution for modern data centers and demanding workloads. Transform your business with groundbreaking performance and reliability.

Revolutionize Performance with Our Immersion Cooling Solution for Up to 6 GPUs

Leverage the full potential of up to 6 high-powered GPUs, driving unparalleled performance for HPC and AI applications. – our cutting-edge immersion cooling system designed to handle up to 6 powerful GPUs. Engineered for exceptional power efficiency and unmatched GPU capability, this product sets a new standard in cooling technology

Optimized Density and power efficiency thanks to immersion cooling

The Atlas 1.6E0 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 Atlas 1.6E0 capitalises on this principle, using immersion cooling to achieve precise temperature control and significantly reduce the power consumption associated with thermal management.



SPECIFICATIONS

system	Model	Atlantis 1.6E0
	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	4x M.2 NVMe PCIe 4.0 x4 22110 (CPU0)
Motherboard	CPU	AMD EPYC™ 7xx2 and 7xx3 Series Processor family TDP up to 280W/CPU Single Socket SP3 (LGA 4094)
	Chipset	System on chip
	Expansion slots	6x PCIe 4.0 x16 full-length full six slots for GPU/FPGA (300W max) 2x PCIe 4.0 x16 half-length low-profile slots
	TPM	Optional TPM 2.0 module (Nuvoton NPCT650 or INFINEON SLB9665)
	BMC	Aspeed 2500
	Memory	Total slots
Total Capacity		Maximum up to 2TB (Using RDIMM 3DS 128GB) Maximum up to 4TB (Using RDIMM 3DS 256GB)
Memory type		DDR4 3200 RDIMM up to 128GB DDR4 3200 LR-DIMM 3DS up to 128GB DDR4 3200 RDIMM 3DS up to 256GB
Network	Onboard	1 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) 3x RJ45 1x VGA 1x DB9 Serial Port 1x Power with Power Status LED 1x ID switch with ID Status LED
Management solution	Software	AMI MegaRAC
	Remote management	WebGUI, Intelligent Platform Management Interface (IPMI)
Power supply	Type	1600W or 2200W 180–240Vac 80 PLUS Titanium (96%)
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	