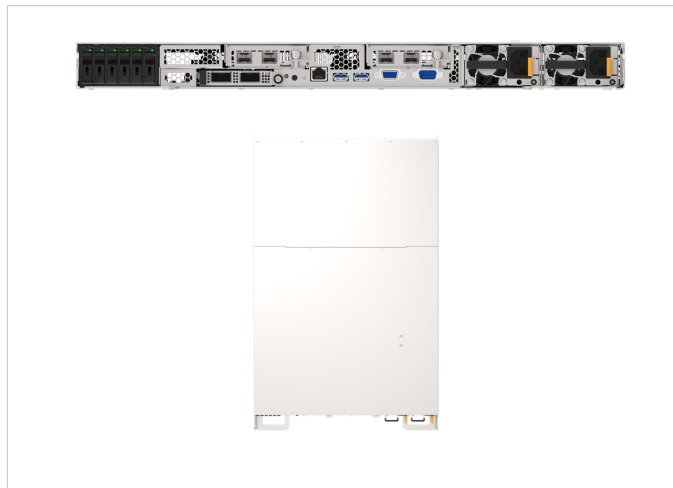**2crsi**

ATLAS 1.4EE

Immersion designed GPU Server
21-inch – 1OpenU – 2 CPUs and 4 GPUs – Immersion front IO

No contractual

No contractual

Key Features

🔲 **21-inch - 1OU 4 GPUs-Front IO**

AMD EPYC **Dual AMD EPYC™ 7003 Serie Processors**

🔲 **32x DDR4 @ 3200MHz**

🔲 **4x PCIe 4.0 x16 FH-FL**
2x PCIe 4.0 x16 HH-HL
OCP 3.0 x16

〰️ **Immersion Cooling**

AMD EPYC™ Series Processors familly

The ATLAS 1.4EE was built to elevate your business productivity with AMD EPYC™ - the world's highest performing x86 server processors. With a broad and growing ecosystem, AMD EPYC™ Processors deliver the highest per-core performance to ensure fast time-to-value for your business.

Elevate your system with the latest AMD EPYCTM 7003

3rd Generation of AMD EPYC™ Series Processors enpower faster time-to-value by delivering performance and scalability, while also helping keep your data secure. AMD Infinity Guard helps your organization take control of security and decrease risks to your most important assets - your data

Better operability with immersion by design

As part of 2CRSi immersion product range, the ATLAS 1.4EE is born from our Data centers. It is not a simple Air cooled server dunked into a liquid: it is a complete solution designed from the start to never compromise between high performance, highest density and exceptional operability.
With front access to all your I/0, storage and power management capbilities, the ATLAS 1.4EE is the only system needed for immerison cooling.

Certified by the Solar Impulse Foundation

To address sustainability challenges while enabling economic growth Bertrand Piccard, serial explorer, initiator and visionary behind Solar Impulse has identified with its Foundation, 1000+ clean and profitable solutions including 2CRSi server range solutions since October 2021

SCAN THE CODE!
TO DISCOVER MORE ABOUT THIS PRODUCT

2crsi.com | **contact@2crsi.com**

SPECIFICIATIONS

System	Model	BRB-A21-104EE-U010
	Form factor	21-inch 1OU
	Nodes	1
	Dimension	533mm (W) x 800mm (D) x 43mm (H) 21" (W) x 31.50" (D) x 1.69" (H)
	Cooling Technology	Single phase Immersion cooling
Storage	Internal type	1x M.2 (PCIe3.0 x4 or SATA), 1x M.2 (PCIe3.0 x2) support 2242/2260/2280
	External type	8x M.2 or E1.S hot-swappable (PCIe4.0 x4); support 2280/22110
	RAID Controler	None
Motherboard	CPU	AMD EPYC™ 7003 Series Processor family TDP up to 280W/CPU
	Chipset	System on chip
	Expansion slots	4x PCIe4.0 x16 slots for FHFL double width GPU/FPGA form factor 2x PCIe4.0 x16 slots or HHL cards 1x OCP 3.0 PCIe4.0 x16 slot
	BMC	Integrated Aspeed® AST2500
	TPM	1x (13-pin,SPI) 1x (17-pin, LPC)
Memory	Total slots	32 (8-channel per CPU)
	Capacity	Maximum up to 4TB per Node (Using RDIMM 3DS 128GB) Maximum up to 8TB per Node (Using RDIMM 3DS 256GB)
	Memory type	DDR4 2933/3200 RDIMM up to 128GB DDR4 2933/3200 LR-DIMM 3DS up to 128GB DDR4 2933/3200 RDIMM 3DS up to 256GB
Network		1x 1GbE Management Port dedicated to the IPMI
I/O	Front	1x VGA Port (DB15) 1x Dedicated IPMI 1x DB9 2x USB 3.0 1x UID 1x PWR BTN 1x SYS LED
Management Solution	Software	AMI MegaRAC
	Out of band remote management	WebGUI, Intelligent Platform Management Interface (IPMI) and Redfish® API
Power Supply	Type	1+1 Redundant CRPS
	Power rating	1600W 180–240Vac
	Power Efficiency	80 PLUS Platinum (94%)
Operating Environement	Operating Temperature	Operation temperature: 10°C ~ 35°C (50°F ~ 95°F)
	Non-operating Temperature	Non operation temperature: -40°C ~ 70°C (40° ~ 158°F)
	Operating Relative Humidity	
	Non-operating Relative Humidity:	90%, non-condensing at 35° C
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

2crsi.com | **contact@2crsi.com**

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