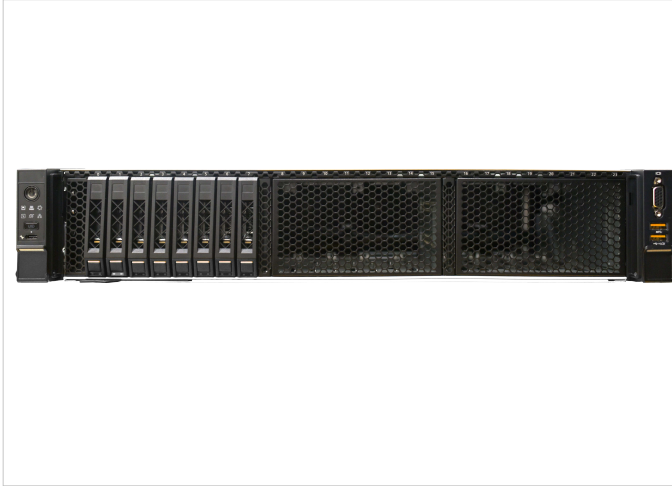


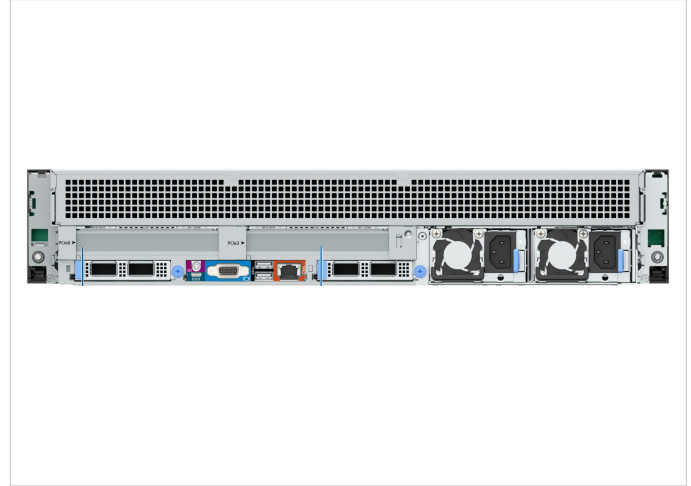
# Mona 1.4SR

High-end server  
based on 4th Gen Intel® Xeon® Processors  
with up to 4 GPUs FHFL.



No contractual

Isometric view



No contractual

Rear view

## Key Features



**19-inch - 2U**  
**8x 2.5" drives slots**



**Dual Intel® Xeon®**  
**Scalable 4<sup>th</sup> Gen socket**



**32x DDR5 @ 4800MHz**



**4x PCIe 5.0 x16 FHFL**  
**2x PCIe 5.0 x16 FHHL**  
**2x OCP 3.0 x16**



**Air Cooling**

## 4th Gen Intel® Xeon® Processors

The latest Intel® Xeon® Processors are designed for the demand of high scalability, high density computing, and widest range of workloads.

With **up to 60 cores** and **120 threads**, these processors are built to handle the most intensive data center workloads, from Data Analytics and IoT/Edge applications to HPC and AI workloads.

Intel® Xeon® 4th Gen processors feature advanced security technologies to help protect data in an ever-changing threat landscape, while opening up new business opportunities.

When comparing with prior generations, 4th Gen Intel® Xeon® customers can expect a 2.9x average performance per watt efficiency improvement for targeted workloads when utilizing built-in accelerators, up to **70-watt power savings per CPU** in optimized power mode with minimal performance loss, and a 52% to 66% lower TCO.

## Mona servers designed for modularity

Our Mona servers are designed and built for diversity in applications. With up to **8 drives 2.5"** on front (max 4x NVMe), and **32 DDR5** channels, Big Data, Hypervisor or HPC workloads can be successfully handled.

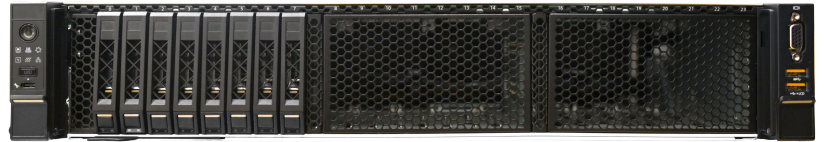
In need of expansions? GPU? Additional network? RAID card? Mona servers can **manage up to 8 PCI extensions 5.0**, including 2 OCP 3.0.



**SCAN THE CODE!**

TO DISCOVER MORE  
ABOUT THIS PRODUCT

## SPECIFICATIONS



<b>System</b>	<b>Model</b>	BRB-MA1-204SR-R010
	<b>Form factor</b>	2U
	<b>Dimension</b>	482mm (W) x 850mm (D) x 87mm (H) - 19" (W) x 33.4" (D) x 3.4" (H)
	<b>Cooling Technology</b>	Air Cooling
<b>Storage</b>	<b>External type</b>	8 x 2.5" SATA/SAS*/NVMe (4 max) on front *SAS : Depends on SAS Add-on card
	<b>RAID Controller</b>	RAID : 1 mezz RAID card or PCH
<b>Motherboard</b>	<b>CPU</b>	2x Socket E (LGA 4677) 4th Gen Intel Xeon Scalable processors Dual processor CPU TDP up to 350W
	<b>Chipset</b>	Intel® C741A
	<b>Expansion slots</b>	4 x PCIe FHFL Gen5 2 x PCIe FHHL Gen5 2 x OCP 3.0 Gen5
	<b>BMC</b>	Integrated Aspeed® AST2600
	<b>TPM</b>	Integrated 2.0
<b>Memory</b>	<b>Total slots</b>	32 (8-channel per CPU)
	<b>Capacity</b>	Maximum up to 4TB per Node
	<b>Memory type</b>	DDR5 4800 RDIMM up to 128GB
<b>Network</b>	1x 1GbE Management Port dedicated to the IPMI	
<b>I/O</b>	<b>Front</b>	1x VGA 1x Healthy LED, UID 1x Power button with LED
	<b>Rear</b>	1x VGA 1x RJ45 for MGMT 1x BMC/System Serial Port 2x USB 3.0 1x UART 1x UID/BMC RST Button and LED
<b>Management Solution</b>	<b>Software</b>	ASPEED AST2600
	<b>Out of band remote management</b>	WebGUI, Intelligent Platform Management Interface (IPMI)
<b>Power Supply</b>	<b>Type</b>	1+1 Redundant CRPS
	<b>Power rating</b>	2700W
	<b>Power Efficiency</b>	80 PLUS Titanium (96%)
<b>Operating Environment</b>	<b>Operating Temperature</b>	10°C to 35°C
	<b>Non-operating Temperature</b>	Storage (packed): -40°C to +70°C
	<b>Operating Relative Humidity</b>	8% to 90% RH
	<b>Non-operating Relative Humidity:</b>	5% to 95% RH
<b>Warranty</b>	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 <a href="mailto:support@2crsi.com">support@2crsi.com</a> or reach your sales point of contact for complete warranty details including limitations and transferability. <a href="https://2crsi.com/global-location">2crsi.com/global-location</a>	

# Mona 1.4SR

**SKU based on options**

This product is available with different options. This table provides valuable information about the features and capabilities associated with each SKU (stock keeping unit), enabling potential customers and internal stakeholders to make informed decisions. Each SKU has been carefully classified according to the options available, providing a clear picture of the functionality associated with each variant.

SKU	GPU support	Spec
BRB-MA1-204SR-R010	Nvidia H100	4x Nvidia H100 GPU cable kit and bracket kit

**BRB-MA1-204SR-R0XX Diagram**

