

Godì 1.8 SP5-D

GPU SERVER

Dual SP5 socket server with 8 full length & up to 4 slots PCIe 5.0x8



No contractual

Front view



No contractual

Back view

Key Features



19-inch - 5U node



Dual AMD EPYC™ 9005
Socket SP5



24x DDR5 @ 6000MHz (12
channel per socket)



8x PCIe 5.0 x16 for 8x
double-width Up to 600W
GPUs



Air cooling

AMD EPYC™ 9005 Series Processors family

The AMD EPYC™ 9005 Series Processors is designed for unmatched performance, scalability, and energy efficiency in the most demanding data center workloads.

With up to 192 cores and 384 threads, these processors excel in enterprise applications, HPC, and AI tasks. The advanced architecture and enhanced memory and I/O bandwidth deliver superior performance per watt.

Efficient Air Cooling

The Godì is engineered for air cooling setups, ensuring unmatched efficiency in heat dissipation. This method involves using advanced air-cooling technology, optimizing heat transfer over traditional methods. Capitalizing on this, the Godì achieves precise temperature control, markedly cutting power consumption linked to thermal management.

Optimized Density

One standout attribute of the Godì lies in its impressive density optimization, with a particular focus on its internal power. Leveraging air cooling technology, the Godì minimizes the space required for heat dissipation components such as fans and airducts.

This space-efficient design enables an augmented work station density, maximizing the number of systems that can be accommodated in a given space. The Godì sets new standards in density, empowering data centers to optimize floor space while effectively scaling their operational power.

Enhanced Power Efficiency

The Godì is engineered with a dedicated emphasis on energy efficiency, fostering sustainable and cost-effective data center operations. Air cooling technology plays a pivotal role in curbing power consumption, contributing to substantial energy savings compared to conventional air-cooled systems.

With the energy-conscious design of the Godì data centers can markedly diminish their carbon footprint, simultaneously enjoying diminished operational expenses and enhanced environmental sustainability.



SCAN THE CODE!

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ABOUT THIS PRODUCT

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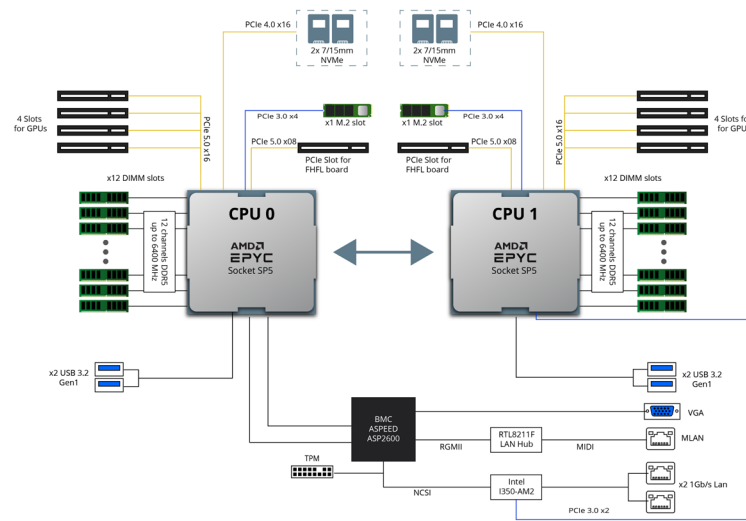
SPECIFICATIONS

System	Model	Godì 1.8 SP5-D
	Form factor	19" - 5U
	Dimension	(D) 870mm × (W) 447mm × (H) 220mm
	Cooling technology	Air cooling
	TDP max per chip	CPU 500 W* / GPU 600W
Storage	Internal type	2x M.2 NVMe PCIe 3.0 x4 2280/22110
	Internal type	Up to 8 hot-swappable 2.5" NVMe *depending on sku selection
	External type	See SKU Table
Motherboard	CPU	Dual AMD EPYC™ 9xx5/9xx4 Turin, Genoa, Bergamo and Genoa-X with AMD 3D V-Cache™ Technology Series Processor families, up to 192-core, 384 threads per processor, cTDP up to 500W
	Chipset	System on chip
	Expansion slots	4x PCIe x16 (Gen5 x16 link), FH-FL DW [CPU0] 4x PCIe x16 (Gen5 x16 link), FH-FL DW [CPU1] * For GPU TDP up to 600W (RTX PRO 6000 and H200 NVL4 supported)
	Memory	24 DIMM slots (12-Channel per CPU, 12 DIMM per CPU)
Network	Onboard	1x 1GbE Management Port dedicated to the IPMI 2x 1GbE Intel® i350
	NIC Options	2x 25GbE (SFP28) 2x 100GbE (QSFP56 / QSFP28) 2x 200GbE (QSFP112) 1x 400GbE (QSFP112 or OSFP) + others on demand
I/O	Front	1x Serial Port 4x USB 3.2 1x DB15 (VGA) 2x RJ45 1x dedicated IPMI
	Rear	
Management Solution	Software	ASPEED AST2600
	Out of band remote management	WebGUI, Intelligent Platform Management Interface (IPMI)
Power Supply	Type	4+1 redundant 2000W Titanium CRPS power supply
	Power rating	6300W
	Power efficiency	Titanium (96%)
Operating Environment	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	95%, 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	

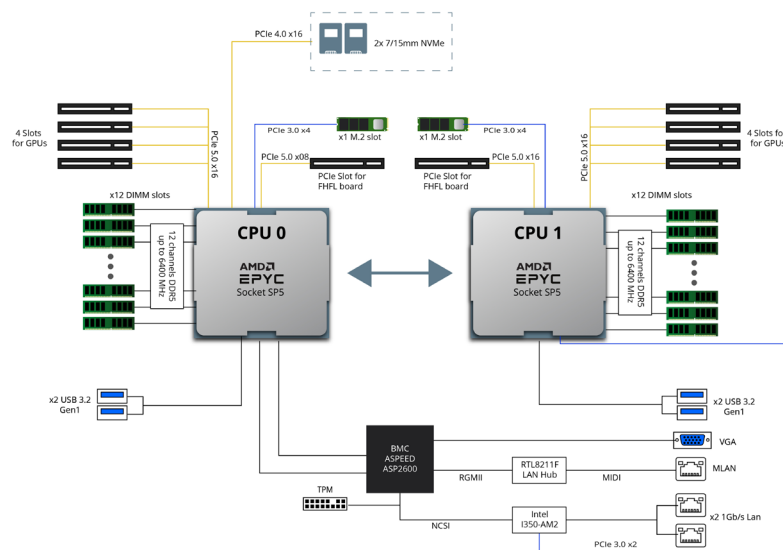
* Max TDP is supported under limited thermal conditions.

BLOCK DIAGRAM

SKU #1	Front storage	Rear Expansion slots
BRB-GI1-508-SP5D-R210	2x 7/15mm NVMe (PCIe G4) 32Gbps hot-swappable bays [CPU0] 2x 7/15mm NVMe (PCIe G4) 32Gbps hot-swappable bays [CPU1]	1x PCIe x16 (Gen5 x8 link), FH-FL [CPU0] 1x PCIe x16 (Gen5 x8 link), FH-FL [CPU1]

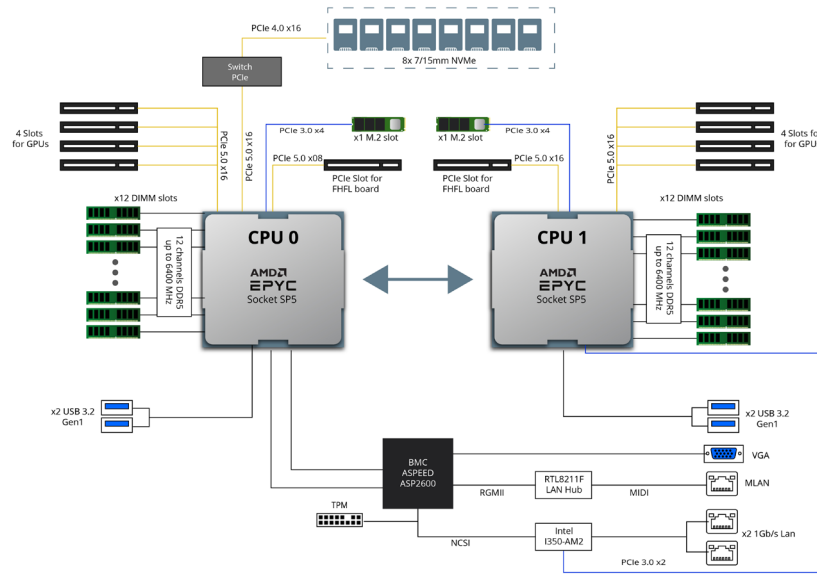


SKU #2	Front storage	Rear Expansion slots
BRB-GI1-508-SP5D-R211	2x 7/15mm NVMe (PCIe G4) (from CPU0)	1x PCIe x16 (Gen5 x16 link), FH-FL (from CPU1) 1x PCIe x8 (Gen5 x16 link), FH-FL (from CPU0)



BLOCK DIAGRAM

SKU #3 (Coming Soon)	Front storage	Rear Expansion slots
BRB-GI1-508-SP5D-R212	8x 7/15mm NVMe (PCIe G4) (from CPU0 through PLX89048 x8 uplink)	1x PCIe x16 (Gen5 x16 link), FH-FL (from CPU1) 1x PCIe x8 (Gen5 x16 link), FH-FL (from CPU0)



SKU #4 (Coming Soon)	Front storage	Rear Expansion slots
BRB-GI1-508-SP5D-R213	4x 7/15mm NVMe (PCIe G4) 32Gbps hot-swappable bays [PLX CPU0] 4x 7/15mm NVMe (PCIe G4) 32Gbps hot-swappable bays [PLX CPU1]	1x PCIe x16 (Gen5 x16 link), FH-FL [CPU0] 1x PCIe x16 (Gen5 x16 link), FH-FL [CPU1] 2x PCIe x16 (Gen5 x16 link), FH-FL [PLX CPU0] 2x PCIe x16 (Gen5 x16 link), FH-FL [PLX CPU1]

