

Godì 1.8 SP5-D HPR

GPU WORKSTATION

Dual SP5 socket workstation with 8 full length & 2 slots PCIe 5.0



No contractual

Front view



No contractual

Back view

Key Features



19-inch - 6.5U



**Dual AMD EPYC™ 9005
Socket SP5**



**24x DDR5 up to 6400Mt/s
(12 channel per socket)**



**8x PCIe 5.0 x16 for GPUs
2x PCIe 5.0 for NIC Cards**



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.



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ABOUT THIS PRODUCT

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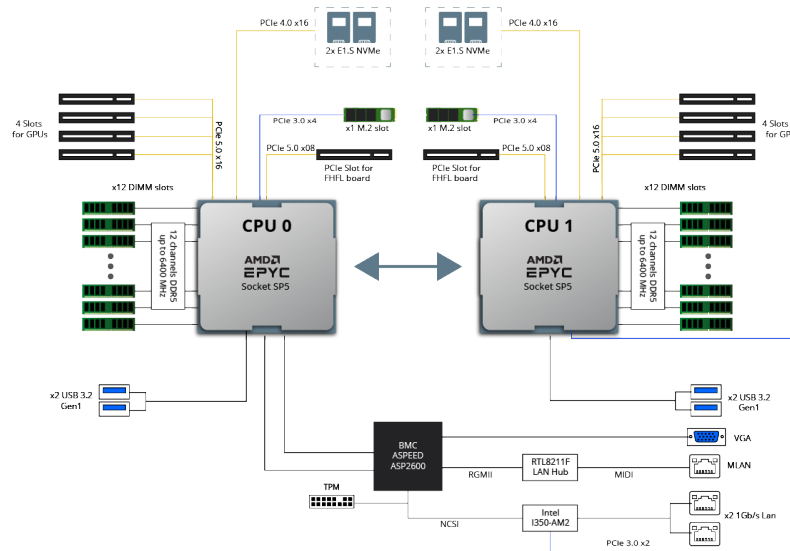
Dual SP5 socket workstation with 8 full length & 2 slots PCIe 5.0x16

SPECIFICATIONS

System	Model	Godì 1.8 SP5-D HPR
	Form Factor	19-inch 6.5U
	Dimension	(D) 650mm × (W) 438mm × (H) 288.9mm 25.59" (D) × 17.24" (W) × 11.37" (H)
	Cooling Technology	Air cooling
	TDP max per chip	CPU 500W / GPU 600W
Storage	Internal type	1x M-key (PCIe3.0 x4 or SATA 6Gb/s), supports 22110/2280 [CPU0] 1x M-key (PCIe3.0 x4 or SATA 6Gb/s), supports 22110/2280 [CPU1]
	Raid Controller	N/A
Motherboard	CPU	Dual AMD EPYC™ 9xx5/9xx4 Turin, Genoa, Bergamo and Genoa-X with AMD 3D V-Cache™ Technology, up to 192-core, 384 threads, cTDP up to 500W (2 CPUs must be installed)
	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
Memory	Total Slots	24 (12-channel per socket, 1DPC)
	Capacity	RDIMM: 128GB (2Rx4), 3.0TB total RDIMM-3DS: 512GB (2Rx4), 12.0TB total
	Memory Type	AMD EPYC™ 9005: RDIMM up to 6400 MT/s AMD EPYC™ 9004: RDIMM up to 4800 MT/s
Network	Onboard	1x 1GbE Management Port dedicated to IPMI 2x 1GbE Intel® i350
I/O	Front	2x USB 3.2 Port (Type A) 1x SVGA 1x DB-9 COM 2x RJ45* 1x RJ45 dedicated IPMI
Management Solution	Software	Aspeed® AST2600
	Remote Management	WebGUI, IPMI 2.0 and RESTful APIs (Redfish)
Power Supply	Type	3+1 redundant CRPS
	Power Rating	3200W
	Power Efficiency	Titanium
Operating Environment	Operating Temperature	10°C ~ 35°C (50°F ~ 95°F)
	Non-operating Temperature	-40°C ~ 60°C (40° ~ 140°F)
	Non-operating 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	

BLOCK DIAGRAM

SKU #1	Front storage	Front Expansion slots
BRB-GI1-608-SP5D-R210	2x E1.5" NVMe (PCIe G5) 32Gbps hot-swappable bays [CPU0] 2x E1.5" NVMe (PCIe G5) 32Gbps hot-swappable bays [CPU1]	1x PCIe x8 (Gen5 x link), HH-HL [CPU0] 1x PCIe x8 (Gen5 x link), HH-HL [CPU1]



SKU #2	Front storage	Expansion slots
BRB-GI1-608-SP5D-R211	2x E1.5" NVMe (PCIe G5) 32Gbps hot-swappable bays [CPU0]	1x PCIe x8 (Gen5 x link), HH-HL [CPU0] 1x PCIe x16 (Gen5 x link), HH-HL [CPU1]

