

Godí 1.4EE

Highly density GPU and FPGA server
based on AMD EPYC 3rd generation



No contractual

Front view



No contractual

Rear view

Key Features



19-inch - 1U/4 GPUs



**Dual AMD EPYC™
3rd generation**



32x DDR4 @ 3200MHz



**4x PCIe 4.0 x16 for GPU/FPGAs
2x PCIe 4.0 x16 LP
1x OCP 3.0 x16**



Air Cooling



SCAN THE CODE!

TO DISCOVER MORE
ABOUT THIS PRODUCT

AMD EPYC™ Series Processors family

The Godí 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. At its peak, the Godí 1.4EE offers up to 128 CPU cores in a single server to run your HPC workload with ease or 48 CPU cores if equipped with high grade GPU/FPGA.

Elevate your security system with the latest AMD EPYC™ 7003

3rd Generation of AMD EPYC™ Series Processors empower 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.

The acceleration at its best with NVIDIA & AMD GPUs or FPGAs

From 3D modeling, CAD and amazing visualisation renders, to the most demanding AI training and Inference workloads, the Godí 1.4EE enables any of NVIDIA's latest Tesla, Quadro and AMD Mi GPU series to be used at its best performances.

Need to decode many audio and video feeds? The Godí 1.4EE can also carry multiple FPGAs, allowing a single system to run an entire infrastructure.

The acceleration at its best with NVIDIA & AMD GPUs or FPGAs

With all acceleration cards in front IO, in addition to better cooling capabilities, the IO is now accessible in the front. From High density network to direct access to FPGAs or video outputs, the Godí 1.4EE is the only server on the market designed to be deployed as much on single entity mode as in data center environment.

SPECIFICIATIONS

System	Model	BRB-GI1-104EE-R010
	Form factor	1U
	Nodes	1
	Dimension	482mm (W) x 900mm (D) x 44mm (H) 19" (W) x 35.43" (D) x 1.73" (H)
	Cooling Technology	Air Cooling
Storage	Internal type	1x M.2 NVMe x2 ; 1x M.2 NVMe x4 support 2280/2260/2242
	External type	None
	RAID Controller	None
Motherboard	CPU	2x AMD EPYC™ 7003 Series Processor family TDP up to 180W/CPU
	Chipset	System on chip
	Expansion slots	4x PCIe4.0 x16 slots for FHFL GPU/FPGA form factor TDP up to 250W/Card 2x PCIe4.0 x16 slots LP 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 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	
	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	