ReliaCOR 61-12 – Edge AI Server

4U GPU SERVER - 4U - AMD EPYC - Multi GPU - Short Depth - Liquid Cooling

- **High Performance Edge AI Server**
- **Dual H200 NVL GPUs**
- **AMD EPYC 9005 Series**
- **4U, Short-Depth**
- **Liquid Cooled**
- **Configuration Service**

Features

High Performance Edge AI Server : Designed for GPU accelerated workloads

Dual GPU : Two NVIDIA H200 NVL to provide exceptional performance and a large GPU memory for advanced modules

Server Class CPU : With an AMD EPYC 9005 Series CPU, supporting a large variety of workloads, including general purpose computing, data logging, data acquisition, fusion and filtering

4U, Short Depth : Extremely compact and suitable for in-the-field deployment

Liquid Cooling : Core components (GPUs, CPUs) are liquid cooled, for maximum efficiency, space saving and noise reduction

Configuration Service : Highly modular design, allows for personalized configurations, including hybrid Logger – Inference (GPU) server ones.

Description

The ReliaCOR 61-12 is a High Performance Edge AI Server that provides cutting edge performance for industrial AI and GPU accelerated workloads.

Designed to deliver consistent performance even under high load, it offers reliable operation thanks to industrial liquid cooling and a robust power supply.

With two NVIDIA H200 NVL GPUs and the AMD EPYC 9005 Series CPU, the ReliaCOR 61-12 packs exceptional AI acceleration and general purpose processing capabilities: a total of up to 6600 FP8/INT8 TFLOPS, 120 FP64 TFLOPS with up to 282GB GPU RAM; the ReliaCOR 61-12 is ideal for AI workloads ranging from fast inference to high precision training, and other advanced AI pipeplines, such as Agentic AI. The flexibility in configuration options allows to tune the capabilities of the ReliaCOR 61-12 to meet the needs of customer specific reqirements.

At only 4U, with a short depth form factor and thanks to liquid cooling, the ReliaCOR 61-12 enables deployment into space limited use cases, such as in industrial cabinets.

The ReliaCOR 61-12 supports both Windows and Linux; Eurotech offers optional professional services to customers seeking more sophisticated preinstalled software configurations.

Eurotech configuration management service allows fine tuning the ReliaCOR 61-12 to meet and exceed your project requirements; call us for more information and more options.

Interested in mini and full rack configurations? Check out our ReliaPOD family or contact us for a full custom service

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Ordering Code: RECOR-61-12-XX-YY				
Hardware Configuraton (-XX)		-01	-02	-03
PROCESSOR	CPU	EPYC 9555, 3.2GHz - 4.4GHz (360W)	EPYC 9755, 2.7GHz - 4.1GHz (500W)	EPYC 9965, 2.25GHz - 3.7GHz (500W)
	Cores	64 Cores / 128 Threads	128 Cores / 256 Threads	192 Cores / 384 Threads
	CPU RAM	64GB ECC		
AI ACCELERATION	GPU	2x NVIDIA H200 NVL		
	GPU RAM	2x 141GB		
	FP64	2x 30 / 2x 60† TFLOPS		
	FP32	2x 60TFLOPS		
	TF32	2x 835† TFLOPS		
	BFLOAT6 / FP16	2x 1671† TFLOPS		
	FP8 / INT8	2x 3341† TFLOPS		
STORAGE	OS Disk	1TB M.2 NVMe (PCIe x4)		
	Data	2TB M.2 NVMe (PCIe x4)		
I/O INTERFACES	10Gbps Ethernet	2x 10GbE (RJ45)		
	1Gbps Ethernet	2x 1GbE (RJ45)		
	IPMI Ethernet	1x Dedicated IPMI (RJ45)		
	USB	2x USB 3.2 Gen1 Ports (Type A)		
	Video Out	1x VGA		
CYBERSECURITY (HARDWARE)	TPM	TPM 2.0		
SYSTEM MANAGEMENT	BMC	AST2600		
	BMC LAN	Yes		
EXPANSIONS	Internal Expansion	2x M.2 Key M		
COOLING	Technology	Hybrid: Active Air + Liquid (CPU, GPU)		
POWER	Input	200-240VAC		
ENVIRONMENT	Operating Temp	10 to 35°C		
	Storage Temp	-10 to 70°C		
	Humidity	20 to 90% Relative Humidity (Non-condensing)		
CERTIFICATIONS	Regulatory	CE; Factory Option: SABS		
	Safety	EN62368-1; Factory Option: CB, NRCS LOA		
	Environment	RoHS, REACH		
	Ingress Protection	IP20		
MECHANICAL	Enclosure	Material: Metal; Color: Black		
	Dimensions	19" Rack Mount, 4U - Approx. 440 x 176 x 468mm (W x H x D)		

† Tensor Core

Ordering Code: RECOR-61-12-XX-YY			
Software Configuration (-YY)		-02	-08
OS	RedHat Linux	Yes	-
	Windows Server	-	Yes

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