



PER335A-RS



Intel® 13th Raptor Lake-S GPU System

- Intel® Raptor Lake-S Processors, i9-13900TE up to 24 cores
- Up to 64GB DDR5 SO-DIMM 4800 MHz
- NVIDIA RTX™ A4500 16GB GDDR6 memory 5888 CUDA cores
- Rich I/O interface with 2 x DP, 2 x COM, 6 x USB, 2 x LAN, 2 x CAN(Option 4 x CAN)
- 1 x 2.5" SATA HDD/SSD
- 9 – 36V wide voltage DC-IN design
- Extreme Temperature : -40°C to +70°C degree

Specifications

System

CPU	13th Gen Intel® Raptor Lake-S LGA1700 Socket Processor Core i9-13900TE Processor up to 24 cores,TDP 35W
Chipset	Intel® H610
Memory type	Up to 64GB DDR5 SO-DIMM 4800 MHz
GPU	NVIDIA RTX™ A4500 16GB GDDR6 memory, 5888 CUDA cores NVIDIA RTX™ 5000 16GB GDDR6 memory, 3072CUDA cores NVIDIA RTX™ A2000 8GB GDDR6 memory, 2560 CUDA cores NVIDIA GTX 1050Ti 4GB GDDR5 memory, 768 CUDA cores

Display

DP	DP1.4a, up to 4096 x 2304 @ 60Hz
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Storage

SATA	1 x SATAIII 512G
NVMe	1 x M.2 2242 128G

Ethernet

Chipset	Intel® I219-LM / Intel®I226V
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Front I/O

Power Button	1 x PW Button w/Indicator LED
SSD LED	1 x SSD LED
COM	2 x RS232/422/485
USB	2 x USB3.1

Rear I/O

DP	2 x DP
Ethernet	2 x RJ45 (1 x GbE / 1 x 2.5GbE)
Audio	1 x Line-Out
USB	4 x USB3.1

CAN 2 x CAN(DB9) (Option 4 x CAN)

Power Connector 1 x 4 Pin terminal block

Power

Power Input 9~36V DC-IN 400W

Operating System

OS Windows® 10/11 64-bit / Linux (support by request)

Mechanical Environmental

Dimension 370(W) x 240 (L) x 77 (H)mm

Operating Temp. -40°C to +70°C

Storage Temp. -40°C to +85°C

Relative Humidity 5% to 95%, non-condensing

Extra Including current turbo FAN

Ordering Information

	PER335A-RS	PER335A-RS-G15	PER335A-RS-A20	PER335A-RS-50	PER335A-RS-A45
CPU	I7-13700TE	I7-13700TE	I9-13900TE	I9-13900TE	I9-13900TE
GPU	N / A	GTX1050Ti 768 CUDA/4GB	RTX A2000 2560 CUDA/8GB	RTX 5000 3072 CUDA/16GB	RTX A4500 5888 CUDA/16GB
RAM	32GB	32GB	64GB	64GB	64GB
Storage	NVMe M.2	128GB NVMe SSD			
	SATAIII SSD	512GB SATAIII SSD			
Video	2 x DP				
I/O	2 x RJ45 (1 x GbE ; 1 x 2.5 GbE)				
	6 x USB3.1				
	2 x COM				
Power	DC-IN 9~36V				

Apperance

