

19 inch rack mount type  
Custom Computers Solution-ePC Series  
**MR44000**



\* Specifications, color and design of the products are subject to change without notice.

**Features**

**Equipped with a 5th-generation Intel® Xeon® scalable processor**  
This product is equipped with the 5th-generation Intel® Xeon® scalable processor Emerald Rapids.

It is equipped with the Intel® C741 chipset.

**Expandable to up to seven PCI Express slots**

Take advantage of four PCI Express(x16) slots and three PCI Express (x4) expansion slots.

This allows for mounting of interface cards requiring high performance, such as high-speed graphic boards, as well as a wide variety of Contec measurement and control cards.

**HPC and GPU computing support**

This product is equipped with a 1300 W power supply unit with high-end GPU card compatibility and four PCI Express 5.0 (x16) slots.

The high-performance computing (HPC) environment that can be used for image processing, machine vision and AI / deep learning is provided.

**Long-term product availability and maintenance**

Long-term product supply is provided, as well as repair and maintenance services.

It reduces the life cycle costs for operation checks or device alterations/improvements each time PC model changes.

**Included Items**

- Product [MR44000] ... 1
- AC Cable (125VAC, 3P type) ... 1
- Product Guide ... 1

**Supported OS**

- Windows 10 IoT Enterprise LTSC 2021
- Windows 11
- Windows Server 2019
- Windows Server 2022
- Ubuntu 21.10, 22.04 LTS or later
- Red Hat Enterprise Linux (RHEL) 8.2 and later

\* This product does not have an OS.

Equipped with the 5th-generation Intel® Xeon® scalable processor Emerald Rapids, this product allows for high-performance computing (HPC) that can be used in image processing, machine vision, and AI/deep learning. Additionally, long-term product supply is provided, as well as repair and maintenance services.

- \* The contents in this document are subject to change without notice.
- \* Visit the CONTEC website to check the latest details in the document
- \* The information in the data sheets is as of February, 2025.

**Specifications**

**Function specification**

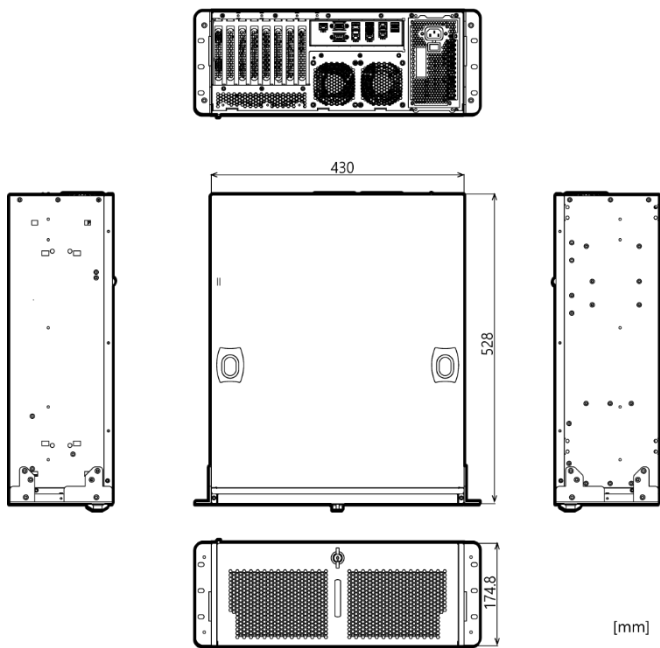
Item	Description	
CPU	Intel® Xeon® Gold 6530	
Chip set	Intel® C741	
BIOS	AMI UEFI BIOS	
Memory	32GB DDR5-5600MHz	
表示機能	AST2600 BMC controller	
Graphic	VGA x 1	
Storage 1	240GB SSD	
Storage 2	None	
Storage 3	None	
NVMe	None	
Optical Drive	DVD Super Multi Drive	
Interface	Display	Analog RGB x 1 (15pin HD-SUB connector)
	USB	A-TYPE connector Front : USB3.2 Gen1 (USB3.0) x 2ports Rear : USB3.2 Gen1 (USB3.0) x 4ports , USB2.0 x 2ports
	Audio	HD Audio compliant, 3.5p stereo mini jack
	Serial	9pin D-SUB connector(male) RS-232C x 1
LAN		RJ45 x 5 LAN1: 1GbE LAN2: 2.5GbE LAN3, LAN4: 10GbE MGMT
	Expansion Slot	PCI E1 PCI Express Gen5 (x16) PCI E2 PCI-Express Gen5 (x4) PCI E3 PCI-Express Gen5 (x16) PCI E4 PCI-Express Gen5 (x4) PCI E5 PCI-Express Gen5 (x16) PCI E6 PCI-Express Gen5 (x4) PCI E7 PCI-Express Gen5 (x16)
Security (TPM)	TCG TPM2.0	
RTC/CMOS	The real-time clock is accurate within ±3 minutes (at 25°C) per month, Lithium backup battery life : 7 years or more	
OS	None	
Power Supply		1300W
	Rated input voltage	110 - 240VAC
	Range of input voltage	90 - 264VAC
Physical dimensions (mm)	430(W) x 528(D) x 174.8(H)	
Weight *1	19.5Kg	

\*1 The weight (which does not include accessories) may vary depending on the product configuration.

### Installation Environment Requirements

Item	Description
Operating ambient temperature	0 - 35°C
Non-operating ambient temperature	-40 - +70°C
Humidity	95%RH (No condensation)
Floating dust particles	Not to be excessive
Corrosive gases	None
Vibration resistance	- During operation (Random) 50 - 500Hz / 0.25G 30 min. each in x, y, and z directions (IEC60068-2-64 compliant) - During standby (Sweep resistance) 50 - 500Hz / 0.5G 30 min. each in x, y, and z directions (IEC60068-2-6 compliant)
Impact resistance	5G, half-sine shock for 11ms in z directions (IEC60068-2-27 compliant)
Standard	VCCI Class A, FCC Class A CE Marking (EMC Directive Class A, RoHS Directive), UKCA

### Physical Dimensions



**Standard Model**

Model	CPU	Memory	Storage 1	Storage 2	Storage 3	NVMe	DVD drive	RAID	OS
MR44000-F1111000000	Xeon® Gold 6530	32GB	240GB SSD	None	None	None	Yes	None	None

**BTO Custom**

Customization is available upon request. Please contact us for details.