

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 January, 2026.

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 (SATA) *1
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: USB 3.2 Gen1(USB 3.0) x 2ports Rear: USB 3.2 Gen1(USB 3.0) x 4ports, USB 2.0 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 *2		19.5Kg

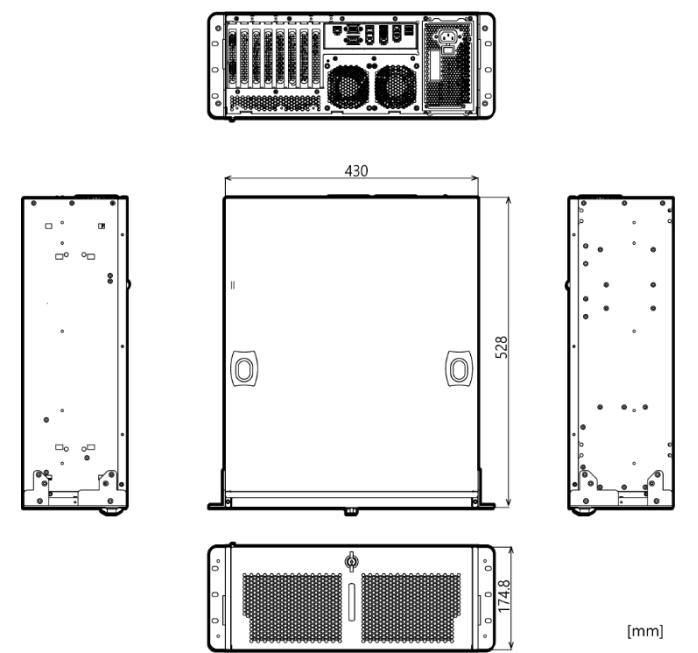
*1 Storage capacity may be 240GB or more, depending on purchase timing.

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

Installation Environment Requirements

Item	Description
Operating ambient temperature	0 - 35℃
Non-operating ambient temperature	-40 - +70℃
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,

Physical Dimensions



Standard Model

Model	CPU	Memory	Storage 1	Storage 2	Storage 3	NVMe	DVD drive	RAID	OS
MR44000-F11110000000	Xeon® Gold 6530	32GB	240GB SSD (SATA) *1	None	None	None	Yes	None	None

*1 Storage capacity may be 240GB or more, depending on purchase timing.

BTO Custom

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