

.XEB-223608D1/4PE

Modular Industrial Computer with 10th/11th Gen Intel® Core™ i3/i5/i7/i9, Pentium®, Celeron® Processor

Overview

The XEB-223608D1/4PE is a modular industrial computer with 10th/11th Gen Intel® Core™ i3/i5/i7/i9, Pentium®, and Celeron® processors. It offers extensive connectivity options, expansion capabilities, control interfaces, and flexible display configurations, making it a versatile and reliable choice for industrial applications.

Features

- 10th/11th Gen Intel® Core™ i3/i5/i7/i9, Pentium®, Celeron® Processor
- 6x COM(3x RS-232/485), 3x LAN, 8x USB
- 2x PCI, 1x PCIe16, 1x PCIe4
- 1x DP, 1x VGA, 1x HDMI
- 2x M.2 M-Key 2280, 1x M.2 E-Key 2230, 1x M.2 B-Key 3052
- 24 VDC power input



Windows
11/10



Fanless



Operating
Temp.

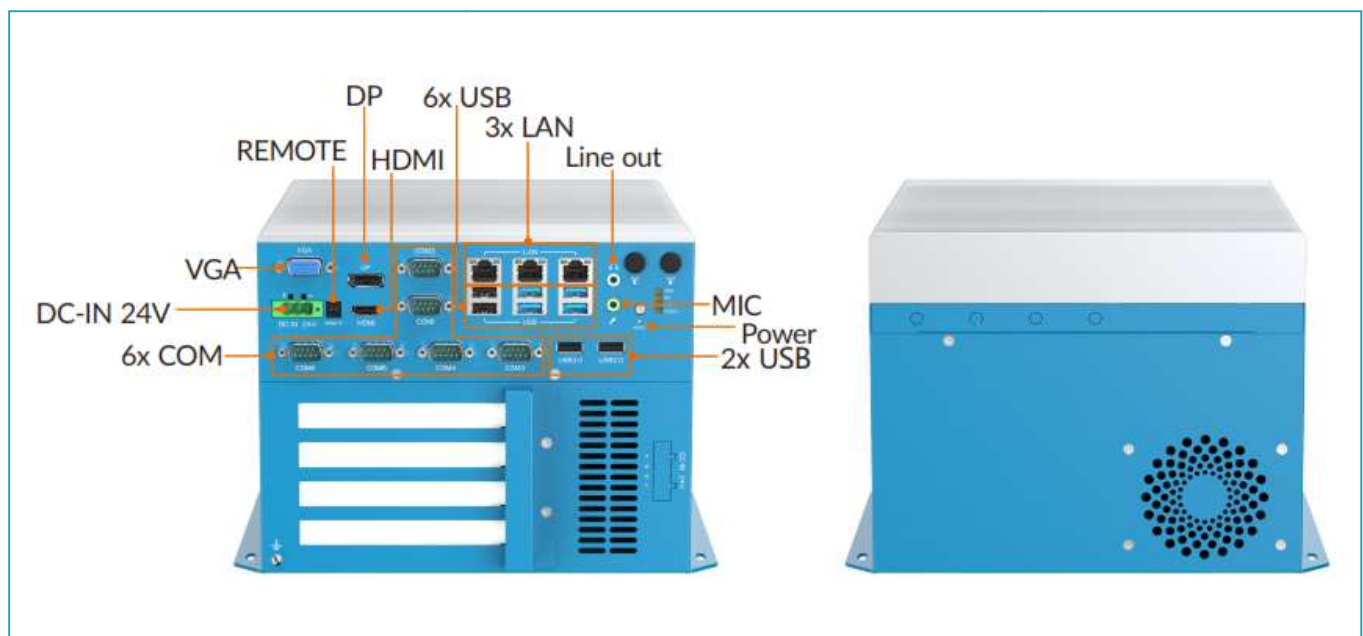


DC Input
24 VDC



PCI/PCIe

I/O Interfaces



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Specifications

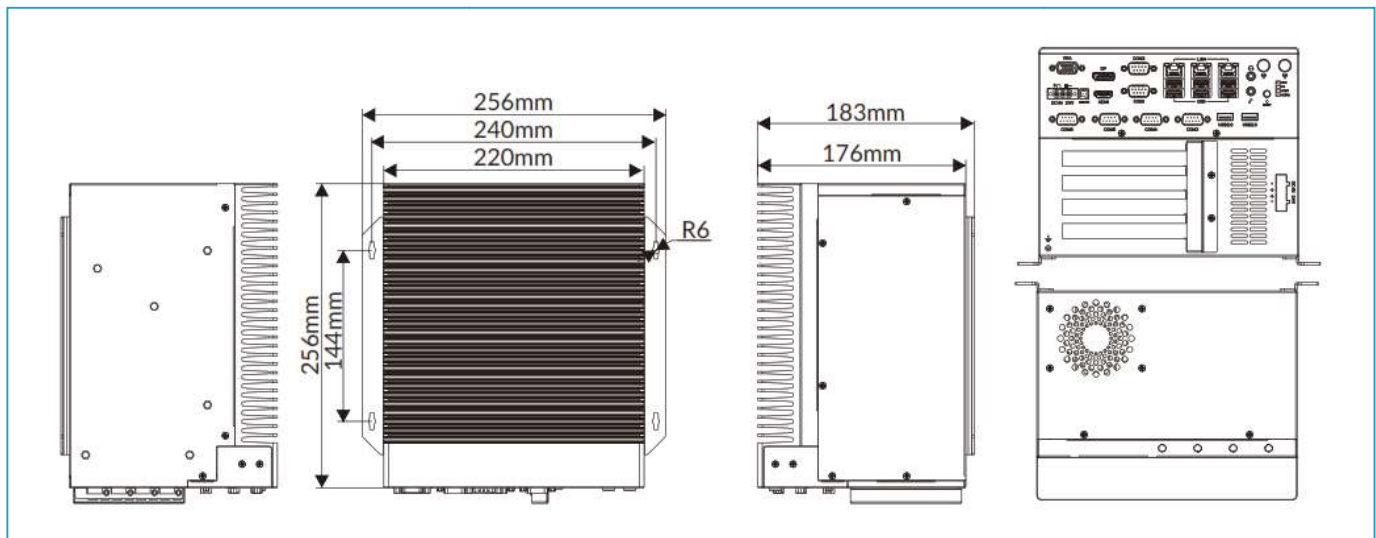
SYSTEM	
CPU	Comet lake S i3/i5/i7/i9
CPU TDP	65W
Chipset	H420E
Memory	2x DDR4 SO-DIMM up to 64GB
Storage	2x M.2 2280 SATA
BIOS	AMI 128Mbit SPI Flash
TPM	1x SPI (optional)
Watchdog Timer	Software programmable supports 256 levels system reset
I/O PORTS	
USB	4x USB 3.0 4x USB 2.0
Serial	6x COM (3x RS-232/485)
Ethernet	1x Intel® I219-LM 2x Intel® I210-AT
Display	1x DP 1x VGA 1x HDMI
SIM Card Slot	1x SIM
Antenna	6x SMA-type
EXPANSION SLOT	
PCI/PCIe	2x PCI 1x PCIe x16 1x PCIe x4
M.2	2x M.2 M-Key 2280 1x M.2 E-Key 2230 1x M.2 B-Key 3052
RF COMMUNICATION	
Wi-Fi	1x M.2 2230 E-Key (PCIe AxMac Wi-Fi 6)
Cellular	1x M.2 3052 B-Key (USB 3.0)
Bluetooth	1x M.2 2230 E-Key (PCIe AxMac Wi-Fi 6)
GNSS	1x M.2 3052 B-Key (USB 3.0)
AUDIO	
Audio	Mic in, line out
POWER	
Remote Power On/Off	2-Pin remote
DC Input	24 VDC
Input Type	1x 3-pin terminal block connector
Power Mode	AT/ATX
OPERATING SYSTEM	
Windows	Windows 10 Windows 11
Linux	Ubuntu
MECHANICAL	
Dimensions (W x D x H mm)	220 x 256 x 176 mm (8.66 x 10.08 x 6.93 inches)
Weight (kg)	5.6kg (12.35lbs)
Mounting	Wall-mount
Material	Aluminum alloy

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ENVIRONMENT	
Operating Temperature	-10°C to 50°C (14°F to 122°F, with SSD Airflow 0.7m/s)
Storage Temperature	-40°C to 80°C (-40°F to 176°F)
Relative Humidity	10% to 95%, non-condensing
CERTIFICATION	
EMC	CE FCC Class A

Dimensions



Ordering Information

Ref.	Description
XEB-223608D1-4PE	3x LAN, 6x COM (3x RS-232/485), 8x USB, 2xPCI, 1xPCIex16, 1x PCIex4, 1x DP, 1x VGA, 1x HDMI