

.XFB-232208D1

Intel® Celeron® J6412 / Core™ i3/i5/i7 Fanless Box Computer with 2x COM, 8x USB, 2x LAN

Overview

XFB-232208D1 is an advanced industrial computer equipped with extensive I/O options, offering great flexibility and effortless Mini PCIe expansion capabilities. It boasts wide-input power ranges, wide temperature tolerances, and enhanced structural durability, making it an excellent choice for industrial applications.

Features

- Intel® Elkhart Lake Celeron® / Core™ i3/i5/i7 processor
- 2x COM (RS-232/485), 2x LAN, 8x USB, HDMI
- 1x 2.5" SATA HDD/SSD, 1x M.2 2280 NVME
- 1x Full length Mini PCIe



Windows
11/10



Fanless



Operating
Temp.



DC Input
9-36 VDC



I/O Interfaces



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Specifications

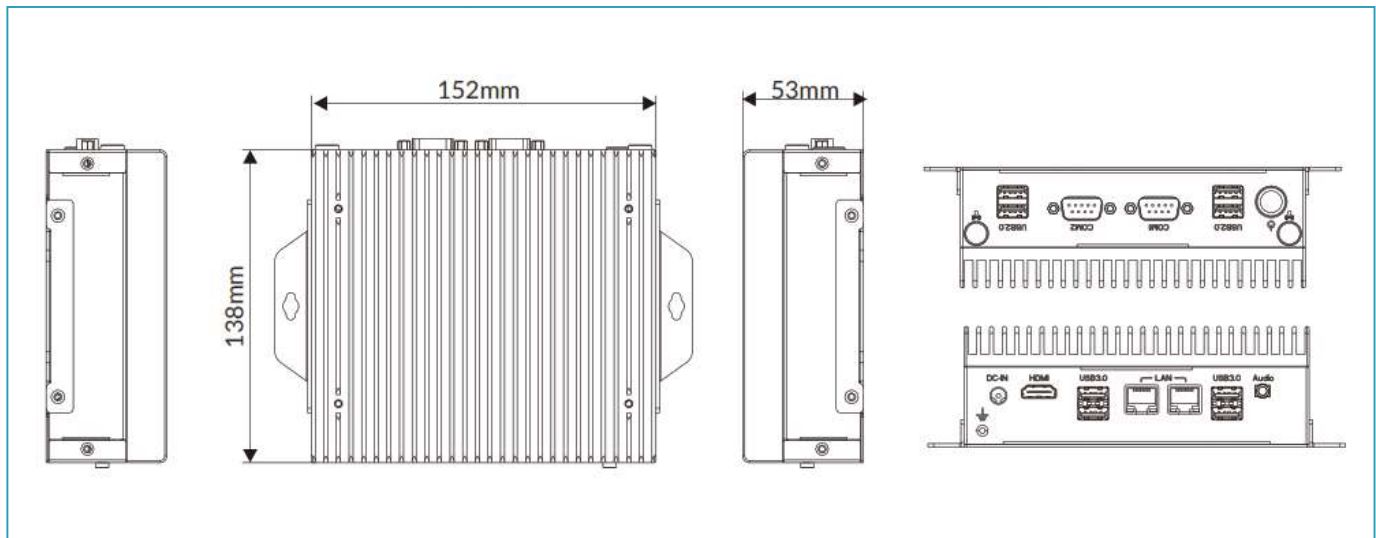
SYSTEM				
CPU	Intel® Celeron® J6412	Intel® Core™ i3-10110U i5-10310U	Intel® Core™ i3-1115G4 i5-1135G7 i7-1195G7	Intel® Core™ i3-1215U i5-1235U i7-1255U
CPU TDP	10W	15W		
Memory	1x DDR4 3200 MHz SO-DIMM up to 32GB		1x DDR4 3200 MHz SO-DIMM up to 32GB	
Storage	1x 2.5" SATA HDD, 1x M.2 2280 NVME			
BIOS	AMI UEFI			
Watchdog Timer	Software programmable. Supports 256 levels system reset.			
I/O PORTS				
USB	4x USB 3.0 4x USB 2.0			
Serial	2x COM (RS-232/485)			
Ethernet	2x RJ45 GbE Intel® I210AT			
Display	2x HDMI			
SIM Card Slot	1x SIM card slot (inside)			
Antenna	2x SMA antenna holes			
EXPANSION SLOT				
Mini PCIe	1x 1x Full length Mini PCIe			
M.2	1x M.2 2280 Nvme	1x M.2 2280 NVME 1x M.2 2230 E-Key	1x M.2 2280 NVME	1x M.2 2280 NVME 1x M.2 2230 E-Key
Antenna Hole	5x SMA-type			
RF COMMUNICATION				
Wi-Fi	Mini PCIe expansion (optional)			
Cellular	Mini PCIe expansion (optional)			
Bluetooth	Mini PCIe expansion (optional)			
GNSS	Mini PCIe expansion (optional)			
AUDIO				
Audio	Mic in, line out			
POWER				
Button	Yes			
DC Input	9 to 36 VDC	12 VDC	12 VDC	9 to 36 VDC
Power Mode	AT/ATX			
OPERATING SYSTEM				
Windows	Windows 10 Windows 11			
Linux	Ubuntu			
MECHANICAL				
Dimensions (W x D x H mm)	152 x 138 x 53 mm (5.98 x 5.43 x 2.09 inches)			
Weight (kg)	1.3 kg (2.87 lbs)			
Mounting	Wall-mount			
Material	Aluminum alloy			
ENVIRONMENT				
Operating Temperature	-10°C to 60°C (14 to 140°F)			
Storage Temperature	-20°C to 60°C (-4 to 140°F)			
Relative Humidity	10% to 95% @40°C (104°F), non-condensing			
CERTIFICATION				
EMC	CE			

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FCC Class A

Dimensions



Ordering Information

Ref.	Description
XFB-232208D1J6412	J6412 Box PC with 2LAN, 2COM, DC 9-36V Input, DC JACK(5.5*2.5)
XFB-232208D1I310U	I3-10110U Box PC with 2LAN, 2COM, DC 12V Input, DC JACK(5.5*2.5)
XFB-232208D1I311G	I3-1115G4 Box PC with 2LAN, 2COM, DC 12V Input, DC JACK(5.5*2.5)
XFB-232208D1I312U	I3-1215U Box PC with 2LAN, 2COM, DC 9-36V Input, DC JACK(5.5*2.5)
XFB-232208D1I510U	I5-10310U Box PC with 2LAN, 2COM, DC 12V Input, DC JACK(5.5*2.5)
XFB-232208D1I511G	I5-1135G7 Box PC with 2LAN, 2COM, DC 12V Input, DC JACK(5.5*2.5)
XFB-232208D1I512U	I5-1235U Box PC with 2LAN, 2COM, DC 9-36V Input, DC JACK(5.5*2.5)
XFB-232208D1I711G	I7-1195G7 Box PC with 2LAN, 2COM, DC 12V Input, DC JACK(5.5*2.5)
XFB-232208D1I712U	I7-1255U Box PC with 2LAN, 2COM, DC 9-36V Input, DC JACK(5.5*2.5)