

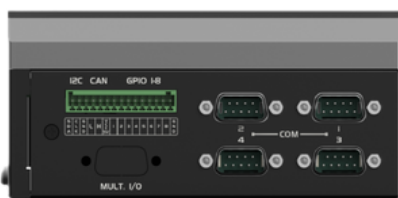
JEC-5310

Fanless Embedded BOX PC

Front View



Lateral View



Specifications

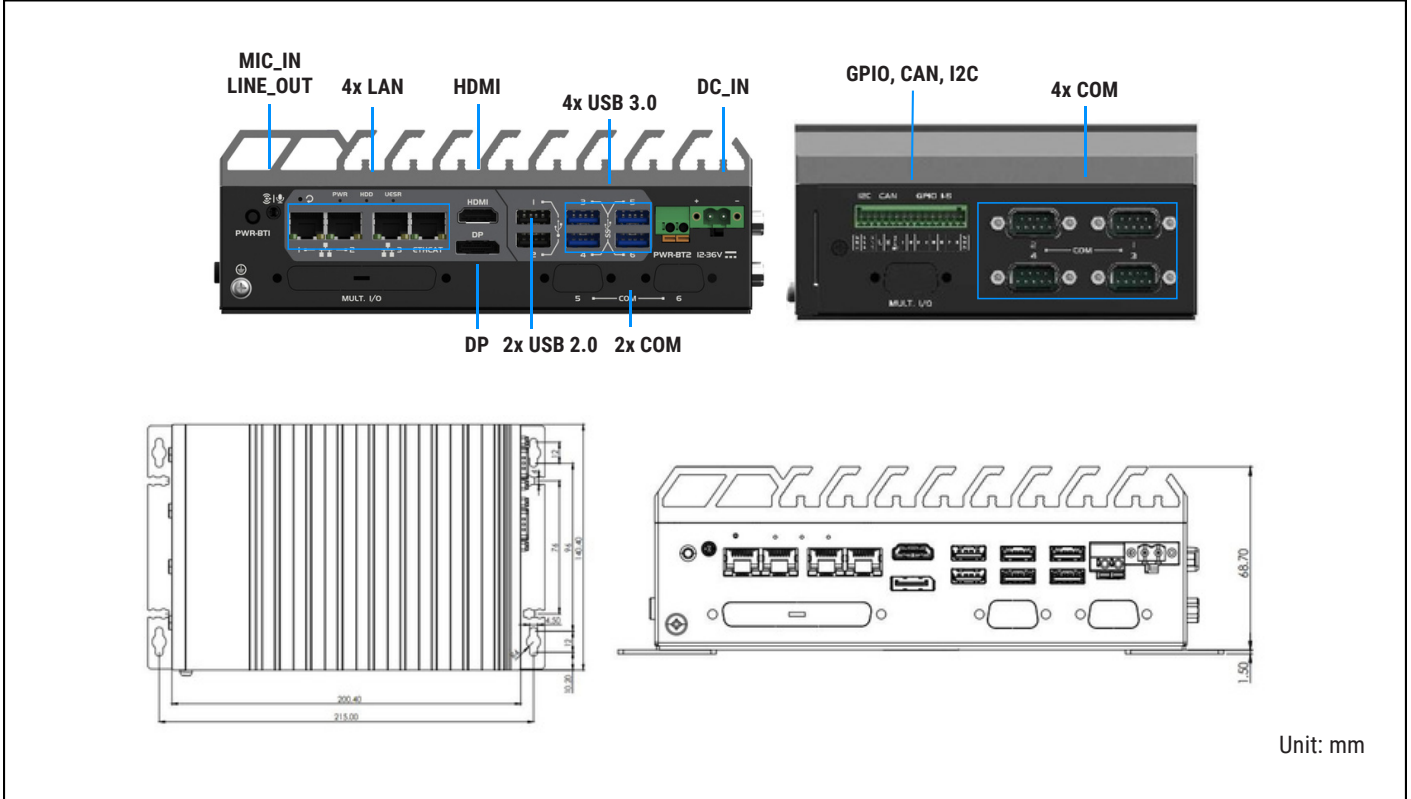
MODEL NAME	JEC-5310
SYSTEM	
CPU	Intel® Core® i3-1115G4 / i5-1135G7 / i7-1165G7 / i7-1195G7 / 6305E Intel® Core® i3-1115G4E / i5-1145G7E / i7-1185G7E
CHIPSET	Intel® Tiger Lake U SoC
SYSTEM MEMORY	1x DDR4 3200MHz SO-DIMM, up to 32GB
BIOS	AMI UEFI BIOS
GRAPHICS PROCESSOR	Intel® UHD Gen.11 Graphics Engines
I/O INTERFACE	
USB	4x USB 3.0, 2x USB 2.0
SERIAL	2x RS232/422/485
VIDEO	1x DP, up to 4096 x 2160 @60Hz 1x HDMI, up to 4096 x 2160 @60Hz
AUDIO	2x Audio (1x Mic-In, 1x Line-Out), Realtek ALC897
ETHERNET	4x RJ45 (3x Intel® i226V, 1x Intel® i210AT)
STORAGE	
SATA / M.2 / mSATA	1x M.2 Key-M (2280, SATA/nVME) 1x SATA3.0 (support 2.5" HDD/SSD)
EXPANSION	
PCI-E / M.2 / MINI-PCI-E	1x M.2 Key-B 3042/3052, support 4G/5G (PCIe x1, USB 2.0); 1x M.2 Key-E 2230 (PCIe x1, USB 2.0)
SUPPORTED OPERATING SYSTEMS	
OS SUPPORT	Windows® 10 Linux Ubuntu
POWER	
POWER INPUT	12~36V, DC-In
POWER INTERFACE	2-Pole Phoenix DC plug in
MECHANICAL	
MOUNTING	Desk/Wall-mounting, Din rail mounting
DIMENSIONS	200.4 × 140.4 × 52.7 mm
WEIGHT	1.8 Kg
ENVIRONMENTAL	
OPERATING TEMPERATURE	-10~60°C w/ 0.7m/s airflow
STORAGE TEMPERATURE	-40°C~85°C
STORAGE HUMIDITY	10%~85% Humidity, non-condensing
VIBRATION	With SSD: 2Grms, IEC 60068-2-64, random, 5~500Hz, 1 hr/axis
SHOCK	With SSD: 15G, IEC 60068-2-27, half sine, 11ms duration
CERTIFICATIONS	CE / CCC

Features

- Intel® Tiger Lake U SoC, TDP 15W
- Single SO-DIMM DDR4-3200, up to 32GB
- Supports dual displays via HDMI and DP
- 4x RJ45 Ethernet ports with 4kV surge protection
- Supports M.2 Key-B 3042/3052 for 4G/5G modules
- Supports M.2 Key-M 2242/2280 SSD (SATA signal)
- Supports M.2 Key-E 2230 for WiFi/BT modules
- 4x RS232/422/485 serial ports
- 4x USB 3.2 Gen 2 ports
- Industrial-grade port protection against static and surges



Dimensions & Product View



Ordering Information

MODEL	CPU	DISPLAY	DIMM	LAN	USB 3.0	USB 2.0	COM	2.5" SSD	M.2
JEC-5310	i3-1115G4 i5-1135G7 i7-1165G7 i7-1195G7 i3-1115G4E i5-1145G7E i7-1185G7E 6305E	2	1	4	4	2	6	1	3

Packing List

- JEC-5310 barebone system x1
- Adapter 90W, 100V~240V AC Input, 19V/4.74A, 2-Pole Phoenix Jack type power connector x1
- Power Cable, 150cm x1
- COM Cable x2
- Phoenix terminal, 15Pin x1
- DIN Rail kit x1
- Wall mount kit x1
- Wall mount kit x2