

# JEC-3011

Fanless Embedded BOX PC

Front View



Rear View



## Specifications

MODEL NAME	JEC-3011
<b>SYSTEM</b>	
CPU	Intel® Celeron® Elkhart Lake J6413, TDP 6W
CHIPSET	Intel® Elkhart Lake SoC
SYSTEM MEMORY	1x DDR4 3200MHz SO-DIMM, up to 32GB
BIOS	AMI UEFI BIOS
GRAPHICS PROCESSOR	Intel® UHD Gen.10 Graphics Engines
<b>I/O INTERFACE</b>	
USB	3x USB 3.0, 3x USB 2.0
SERIAL	4x RS232/422/485, 2x RS232
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	6x RJ45 (2x Intel® i226V, 1 xGSW140A3MC)
LED INDICATOR	PS2: 1x keyboard&mouse LED: 1x Power, 1x HDD, 1x User
OTHERS	1x 16bit GPIO
<b>STORAGE</b>	
SATA / M.2 / mSATA	1x M.2 Key-M Socket (2242/2280, SATA) 1x 2.5" HDD/SSD storage bay (SATA 3.0)
<b>EXPANSION</b>	
PCIe / M.2 / MINI-PCIe	1x M.2 Key B-Socket (3042, USB3 + PCIe x1) support 4G/5G module 1x M.2 2230 (Mini-PCIe slot, optional), support half Wifi + BT module
<b>SUPPORTED OPERATING SYSTEMS</b>	
OS SUPPORT	Windows® 10 Linux Ubuntu
<b>POWER</b>	
POWER INPUT	10~30V, DC-In
POWER INTERFACE	2-Pole Phoenix DC plug in
<b>MECHANICAL</b>	
MOUNTING	Desk / Wall-mounting, Din rail mounting
DIMENSIONS	150 × 107 × 79.1 mm
WEIGHT	1.18 Kg
<b>ENVIRONMENTAL</b>	
OPERATING TEMPERATURE	-10°C~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, 1hr/axis
SHOCK	With SSD: 15G, IEC 60068-2-27, half sine, 11ms duration
CERTIFICATIONS	CE / CCC

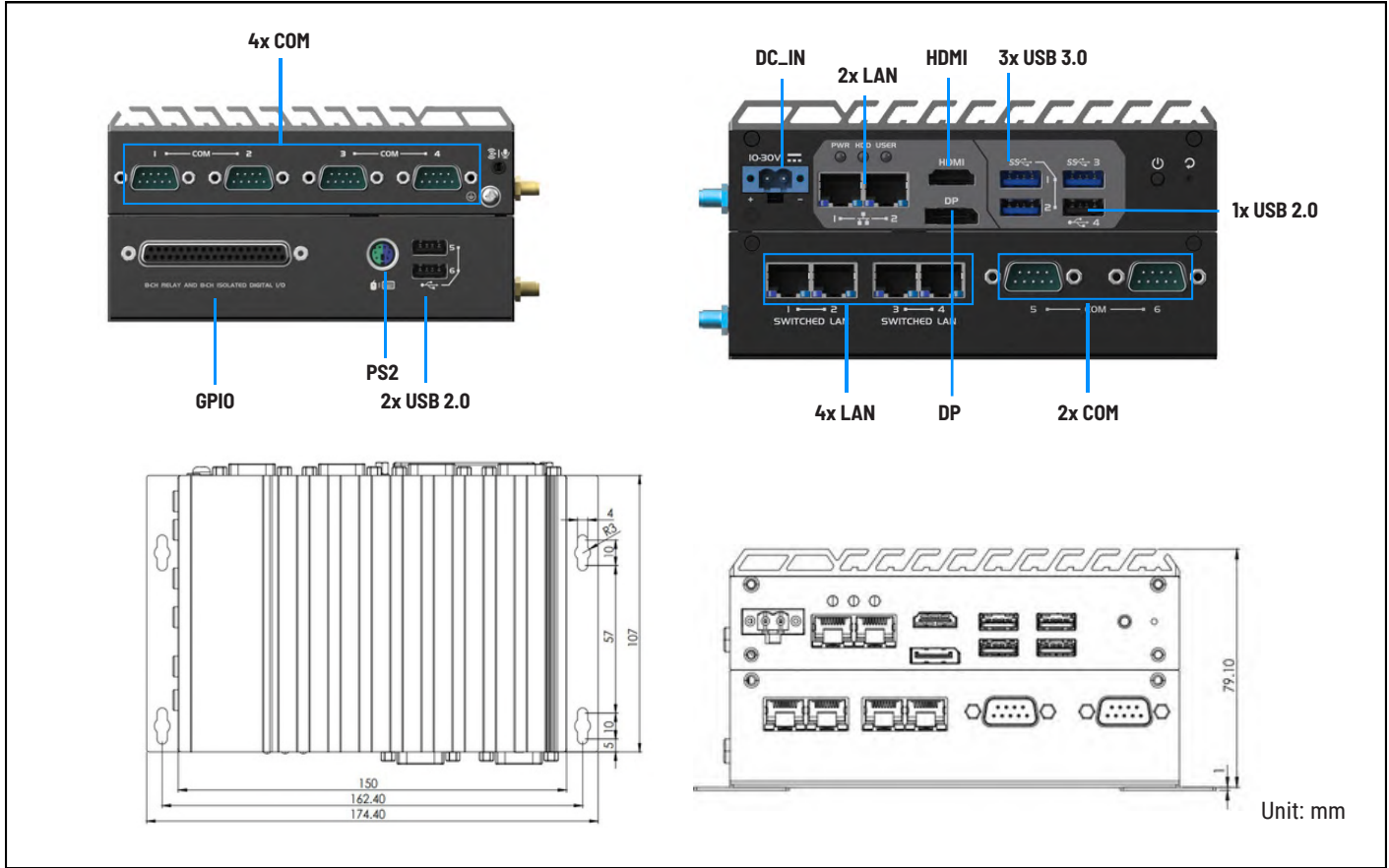
## Features

- Intel® Elkhart Lake J6413/J6412 processors
- Single SO-DIMM DDR4-3200, up to 32GB
- Supports dual displays via HDMI and DP
- Dual 2.5Gb RJ45 Ethernet and 4 Gigabit RJ45 Ethernet ports
- Supports M.2 3042/3052 for 4G/5G modules
- Supports M.2 2230 for Wi-Fi + Bluetooth module
- Supports M.2 Key-M 2242/2280 SSD (SATA signal)
- 4x RS232/422/485 serial ports, 2x RS232 serial ports
- 3x USB 3.0 ports, 3x USB 2.0 ports
- Industrial-grade port protection against static and surges



POWER

## Dimensions & Product View



## Ordering Information

MODEL	CPU	DISPLAY	DIMM	LAN	SW LAN	USB 3.0	USB 2.0	COM	M.2	2.5" HDD/SSD
JEC-3011	J6413	2	1	2	4	3	3	6	1	1

## Packing List

- JEC-3011 barebone system x1
- Adapter 90W, 100V~240V AC Input, 19V/4.74A, 2-Pole Phoenix Jack type power connector x1
- Power Cable, 150cm x1
- SATA power cable, 150mm x1
- SATA signal cable, 150mm x1
- Screw kit x1
- DIN Rail kit x1
- Wall mount kit (left) x1
- Wall mount kit (right) x1