

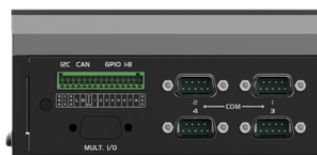
JEC-3020

Fanless Embedded BOX PC

Front View



Side View



Features

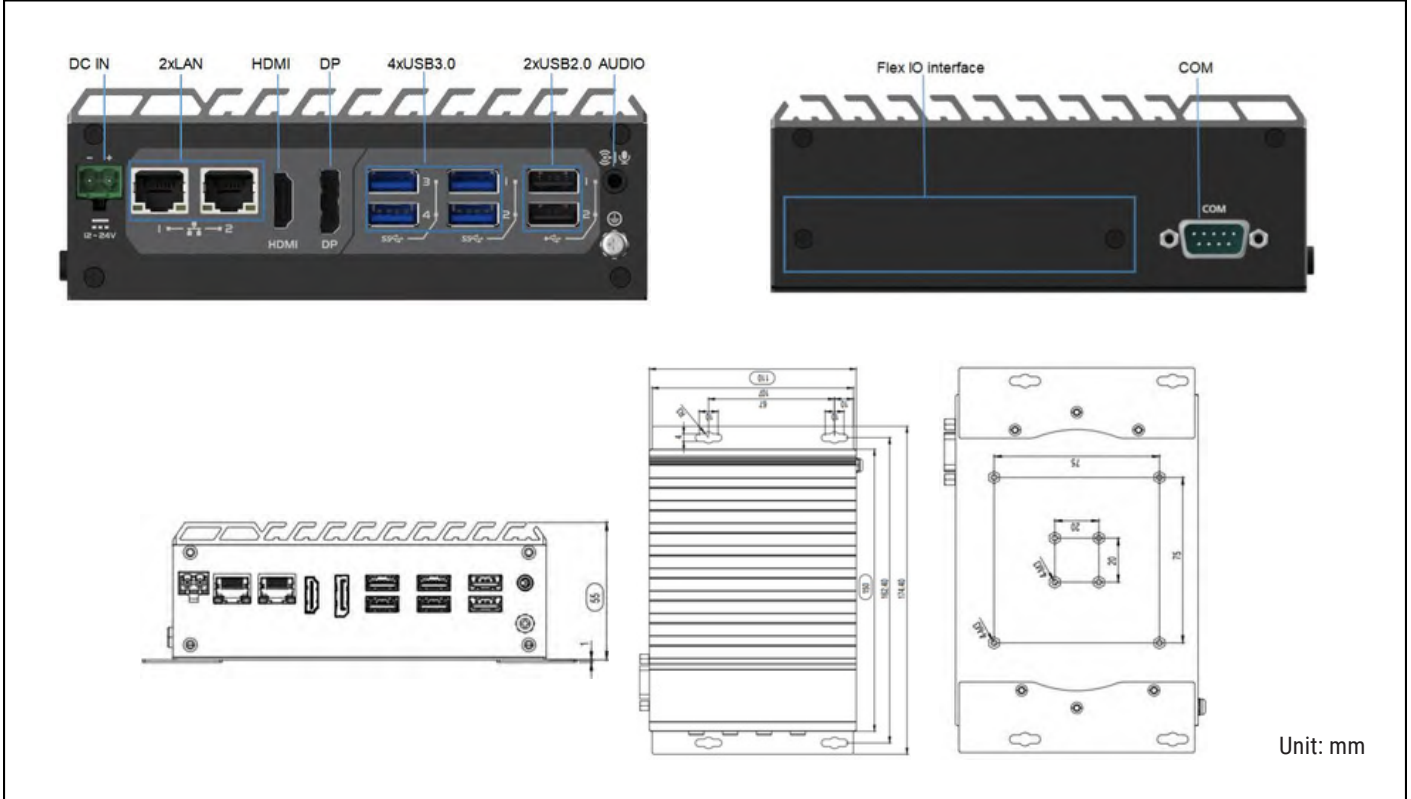
- Intel Elkhart Lake J6412, 4 Cores, 10W CPU
- Single SO-DIMM DDR4-3200, up to 32GB
- Supports HDMI + DP Dual Displays
- 4 RJ45 Ethernet Ports, 4kV Surge Protection
- Supports M.2 Key-B 3042/3052 for 4G/5G Modules
- Supports M.2 Key-M 2242/2280 for SSD (SATA signal)
- Supports M.2 Key-E 2230 for Wi-Fi/BT Modules
- 4 RS232/422/485 Serial Ports
- Four USB 3.2 Gen 2 Ports
- Industrial-grade Port Protection Against Static and Surges

Specifications

MODEL NAME	JEC-3020
SYSTEM	
CPU	Intel® Elkhart Lake Celeron® J6412
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
WATCHDOG	1 to 255 sec./min. per step
TPM	Infineon SLB9670 supports TPM 2.0
I/O INTERFACE	
USB	4x USB 3.0, 2x USB 2.0
SERIAL	2x RS232/422/485
CANBUS	1x CANBus 2.0, 1x I ² C
VIDEO	1x DP, up to 4096 x 2160 @60Hz 1x HDMI, up to 4096 x 2160 @24Hz
AUDIO	1x Audio (Mic-In, Line-Out), Realtek ALC897
ETHERNET	4x RJ45 (3x i226V, 1x i210AT)
LED INDICATOR	1x Power, 1x HDD, 1x User
STORAGE	
SATA / M.2 / mSATA	1x M.2 Key-M Socket (2280,SATA) 1x 2.5" HDD/SSD storage bay(SATA3.0)
EXPANSION	
PCI-E / M.2 / MINI-PCI-E	1xM.2 (Key-E, 2230, Wifi+BT)
SUPPORTED OPERATING SYSTEMS	
OS SUPPORT	Windows® 10 / 11 Linux Ubuntu
POWER	
POWER INPUT	12~36V, DC-In
POWER INTERFACE	2-Pole Phoenix DC plug in
MECHANICAL	
MOUNTING	Desk mounting
DIMENSIONS	200.4 × 140.4 × 52.7 mm
WEIGHT	1.79 Kg
ENVIRONMENTAL	
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



Dimensions & Product View



Ordering Information

MODEL	CPU	DISPLAY	DIMM	LAN	USB 3.0	USB 2.0	COM	M.2
JEC-3020	J6412	2	1	4	4	2	6	1

Packing List

- JEC-3020 barebone system
- 300600000183 Adapter 90W,100V~240V AC
Input,19V/4.74A, 2-Pole Phoenix Jack type
power connector
- 301800000977 Power Cable,150cm
- 301800000522 COM cable Phoenix terminal,
15Pin Screw kit
- 302300000938 DIN Rail kit
- 302300016753 Wall mounting bracket
- 302300016754 Desk mounting bracket