

JEC-3020

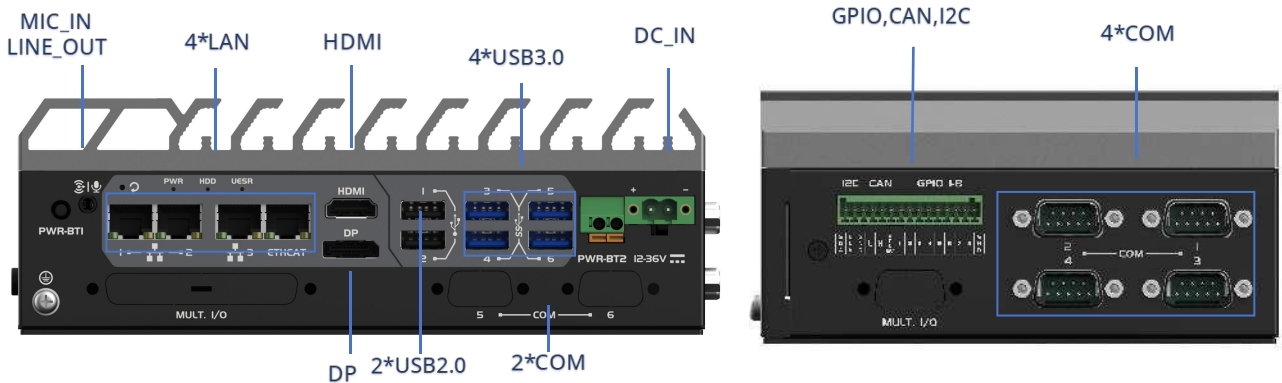
Intel® Celeron® Elkhart Lake J6412
Fanless Computing System



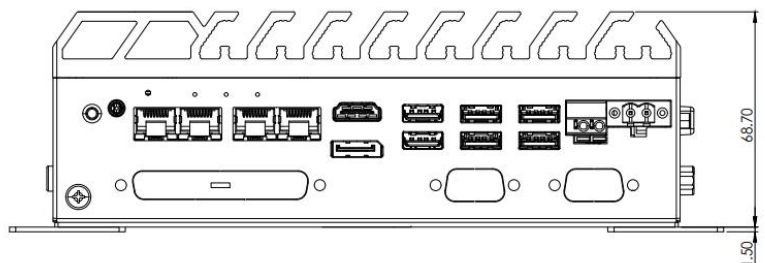
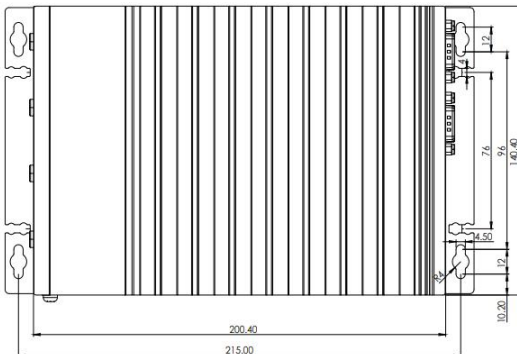
Features

- Intel® Celeron® Elkhart Lake J6412
- 1 x SO-DIMM DDR4 Memory, Max 32GB
- Onboard HDMI and DP display interface
- 4 x GbE LAN
- 1 x M.2 Key-M (2280,SATA),1 x 2.5"HDD/SSD storage bay(SATA3.0)
- 1 x M.2 Key-E 2230, 1 x M.2 Key-B 3042/3052
- 4 x RS232/422/485, 2 x RS232(with cable)
- 4 x USB3.0, 2 x USB2.0, 8bit GPIO

Product View



Dimensions



System	Processor	Intel® Elkhart Lake J6412
	Chipset	Intel® Elkhart Lake SoC
	BIOS	AMI UEFI BIOS
	Memory	1xDDR4 3200MHz SO-DIMM, up to 32GB
	OS	Windows10, Linux
I/O interface	USB	4xUSB 3.0, 2xUSB 2.0
	Serial	4xRS232/422/485, 2xRS232(with cable)
	GPIO	8bit GPIO, Phoenix terminal
	LED	1xPower, 1xHDD
	others	1xCANBus 2.0 1x I ² C
Expansion	PCIe/M.2/Mini-PCIe	1xM.2 Key-B3042/3052 support 4G/5G(PCIe x1,USB2.0), 1xM.2 Key-E 2230 (PCIe x1, USB2.0)
Graphics	Graphics Processor	Intel®UHD Gen.10 Graphics Engines
	Interface	1xDP, up to 4096 x 2160 @60Hz 1xHDMI,up to 4096 x 2160 @60Hz
Storage	SATA/M.2/mSATA	1xM.2 Key-M Socket (2280,SATA) 1 x 2.5" HDD/SSD storage bay(SATA3.0)
Audio	Audio IC	Realtek ALC897
	Audio Interface	1xMic-in, 1xLine-out (2 in 1)
Ethernet	LAN IC	3xi226V, 1xi210AT
	Interface	4xRJ45
Power	Power Input	12V to 36V, DC-in
	Power Interface	2-Pole Phoenix DC plug in
Others	Watchdog Timer	1 to 255 sec./min. per step
	TPM	Infineon SLB9670 supports TPM 2.0
Mechanical	Dimensions	200.4mm(L)×140.4mm(W)×68.7mm(H)
	Weight	1.93KG
	Mounting	Desk/Wall-mounting, Din rail mounting
Environment	Operating Temp.	-10~60°Cw/ 0.7m/s airflow
	Storage Temp.	-40~85°C
	Humidity	10%~85% Humidity, non-condensing
	Shock	With SSD: 15G, IEC 60068-2-27, half sine, 11ms duration
	Vibration	With SSD:2Grms, IEC 60068-2-64, random, 5~500Hz, 1 hr/axis

■ Ordering Information

Model	CPU	Display	DIMM	LAN	USB3.0	USB2.0	COM	2.5" HDD/SSD	M.2
JEC-3020	J6412	2	1	4	4	2	6	1	1

■ Packing List

Part Number	Description	Quantity
JEC-3020	JEC-3020 barebone system	1
300600000183	Adapter 90W,100V ~ 240V AC Input,19V/4.74A, 2-Pole Phoenix Jack type power connector	1
301800000977	Power Cable,150cm	1
301800000522	COM cable	2
301700010908	Phoenix terminal, 15Pin	1
NA	Screw kit	1
302300000938	DIN Rail kit	1
302300016753	Wall mounting bracket	1
302300016754	Desk mounting bracket	2