





Features

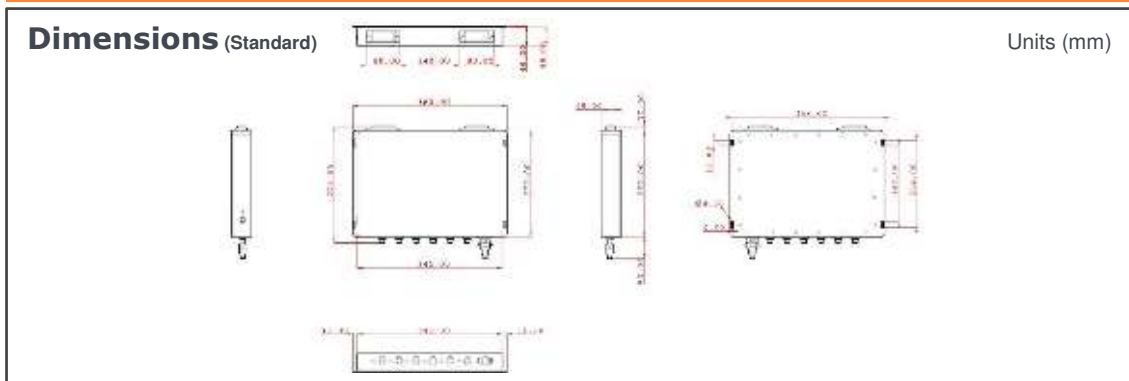
- Intel® Elkhart Lake J6412 Fanless Stainless Steel Waterproof Box PC
- IP66/69K Full Sealed with Anti-Corrosion Enclosure
- IP67 M12 Stainless/Metal Connectors
- Optional Cable Gland for External I.O.
- 100% Waterproof Guarantee
- CE, FCC, VCCI Class B Certified

Specification

Product		WTC-8J0	
Main System	CPU	Intel® Elkhart Lake SoC J6412, QC, 2.0~2.6 GHz, 10 W	
	Graphic	Intel® Gen 11 Graphics	
	Memory	Dual channel support 3200MHz DDR4 SODIMM socketx2, up to 32GB	
	OS Support	Windows 10 (64 bit) / Windows 11 (64 bit)	
Storage & Expansion	Storage	1 X 2.5" SATA HDD, 1 x M.2 (Key M, 2242/2260/2280) for SSD	
	Expansion	1 X PCIe1 Gen III, M.2 Type E x 1 for wireless x 1 X M.2 (Key E, 2230) w/PCIEx1 and shared USB2.0 for wireless 1 x M.2 (Key B, 3042/3052) for SSD	
			
I/O Ports	Configuration	STD. (M12 Connector)	Optional Cable Gland (Max. 5 external I/O by proper grommet)
	USB	1 x M12 8pin for USB 2.0 1/2 1 x M12 8pin for USB 2.0 3/4	2 x USB 3.2 Gen I, 2 x USB2.0
	COM	2 x M12 8pin for COM1 & COM2 (RS-232/422/485)	1 x RS232 2 x RS232/RS422/RS485
	LAN	1 x M12 8pin for LAN (2.5Gb)	1 x RJ45 (1Gb), 1 x RJ45 (2.5Gb)
	Audio	N.A.	3.5mm phone jack connector * 2 (Line-out, and Mic-in)
	Video	N.A.	1 x HDMI 2.0b, 1 x VGA
	DC in (Power Cable)	1 x M12 5pin DC, DC 12~28V	DC-In, DC 12~28V
	Control Keys	Rear bottom: Power on /off	
Power	Power adapter	AC 100 ~ 277V / 47 ~ 63 Hz / DC output 24V, 5A, 120W, IP68	
	Power consumption	TBD	
Environmental	Temperature	Operating Temperature 0~40°C (24V DC, IEC60068-2-56, air flow cooling, SSD) Storage Temperature -20~60°C	
	Humidity	Operating & Storage: 10% ~ 90%, non-condensing	
	Water/Dust resistance	IP66 / NEMA4X / IP69K whole set	
Mechanical Characteristics	Housing	Stainless steel (SUS304), chassis type	
	Dimensions (Net: mm)	TBD	
	Weights (Net: kg)	TBD kg	
	Mounting	Stand Alone	
Certification	CE (EMC) EN61000-6-4; EN61000-6-2 / FCC/VCCI Class B, Canada ICES-003 (coming soon)		

WTC-8J0

Stainless Steel Box PC



Major Options	
Options	<ol style="list-style-type: none"> 1. IP67 2. 2nd HDD for RAID 0,1 3. SUS316 enclosure 4. Wireless or Wireless and BT kit (easy clean and Robust Antenna) 5. 2 x External LAN (Configuration: USBx2, LANx2, COMx1) 6. Windows 10 (64bit) or Windows 11 (64bit) 7. Cable gland external IO 8. TPM2.0
Accessory	<ol style="list-style-type: none"> 1. Waterproof USB cable, cable length is 2 meters 2. Waterproof LAN cable, cable length is 2 meters 3. Waterproof COM cable, cable length is 2 meters 4. Waterproof HDMI cable, cable length is 2 meters 5. DC input cable 6. DC power extension cable (2 meters)
Customization	<ol style="list-style-type: none"> 1. WDT AP/API 2. Stainless M12 connector 3. 5G Module 4. M.2 SSD 5. Barcode reader 6. COM + Power 5V or 12V 7. M.2 (Key B, 304/30522) with PCIe x1/USB 3.2/USB2.0 and SIM for 4G/5G

Order Information

Item	Cooling	Description
WTC-8J0	Fanless	J6412 2.0Ghz / DDR4 4G RAM/ 128G SSD/ 4 x USB, 2 x COM, 1 x LAN

I/O ports



- ① DC-in
- ② COM x 2
- ③ USB2.0 x 2
- ④ LAN x 1
- ⑤ HDMI x 1

