





## Features

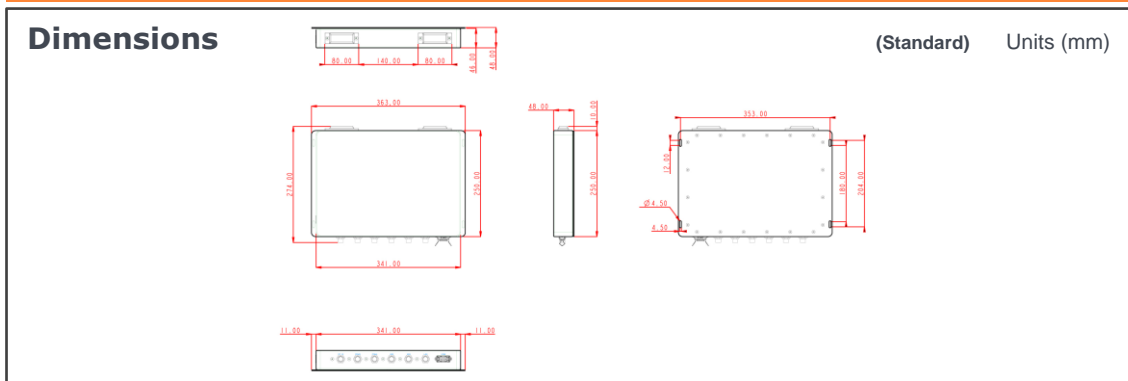
- Intel® Elkhart Lake J6412
- Low Power Fanless Waterproof Box PC
- IP66/69K Full Sealed with Anti-Corrosion Stainless Steel Enclosure
- Wide Range DC Input 12~28V
- Optional M12 Stainless/Metal Connectors
- Optional Cable Gland for External I.O.
- Optional WLAN w/ External Antenna
- CE, FCC, VCCI Class A Certified

## Specification

Product		WTC-8J0	
Main System	CPU	Intel® Elkhart Lake SoC J6412, QC, 2.0~2.6 GHz, 10W	
	Graphic	Intel® Gen 11 Graphics	
	Memory	Dual channel support 3200MHz DDR4 SODIMM socket x2, up to 32GB	
	OS Support	Windows 10 (64 bit) / Windows 11 (64 bit)	
Storage & Expansion	Storage	1 X 2.5" SATA HDD (Anti-vibration), 1 x M.2 (Key M, 2242/2260/2280) for SSD	
	Expansion	1 X M.2 (Key E, 2230) w/PCIEx1 and shared USB2.0 for wireless 1 x M.2 (Key B, 3042/3052) with PCIe x1/USB 3.2/USB2.0 and SIM for 4G/5G	
Photo			
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 RS-232/422/485	2 x RS232/RS422/RS485
	LAN	1 x M12 8pin for LAN (1Gb)	1 x RJ45 (1Gb), 1 x RJ45 (2.5Gb)
	Audio	N.A.	3.5mm phone jack connector * 2 (Line-out, and Mic-in)
	Video	1 x HDMI (IP65)	1 x HDMI 2.0b, 1 x VGA
	DC in (Power Cable)	1 x M12 5pin DC, DC 12~28V	1 X M12 5pin DC-In, DC 12~28V
	Control Keys	Rear bottom: Power on /off (Light Indicator)	
Power	Power adapter	AC 100 ~ 277V / 47 ~ 63 Hz / DC output 24V, 5A, 120W, IP68	
	Power consumption	35.3 Watt	
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)	363.0 X 274.0X 48.0 mm (M12 type) 342.0 X 310.7 X 81.0 mm (cable gland type)	
	Weights (Net: kg)	6Kg (M12 type) / 6.5Kg (cable gland type)	
	Mounting	By screw hole x 4	
Certification	M12 Type: FCC-A, CE (EMC), VCCI-A, Canada ICES-003 Cable Gland Type: FCC-B, CE (EMC), VCCI-B, Canada ICES-003		

# WTC-8J0

# Stainless Steel Box PC



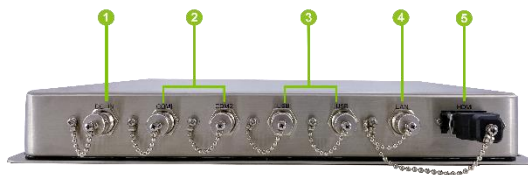
## Major Options

Options	<ol style="list-style-type: none"> <li>1. IP67</li> <li>2. SUS316 Enclosure</li> <li>3. Wireless or Wireless and BT kit (Easy Clean and Robust Antenna)</li> <li>4. 2 x External LAN (Configuration: USBx2, LANx2, COMx1)</li> <li>5. Windows 10 (64bit) or Windows 11 (64bit)</li> <li>6. M12 (Female) to M12 (Male) DC Power Extension Cable (2 Meters Length)</li> <li>7. M12 (Female) to Stripped and Tinned Wires DC Extension Cable (1.2 Meter Length)</li> </ol>
Accessory	<ol style="list-style-type: none"> <li>1. Waterproof USB cable, cable length is 2 meters</li> <li>2. Waterproof LAN cable, cable length is 2 meters</li> <li>3. Waterproof COM cable, cable length is 2 meters</li> <li>4. DC input cable</li> </ol>
Customization	<ol style="list-style-type: none"> <li>1. Watch Dog Timer AP/API</li> <li>2. Stainless Steel M12 Connector</li> <li>3. 5G Module</li> <li>4. M.2 SSD</li> <li>5. Barcode Reader</li> <li>6. COM + Power 5V or 12V</li> <li>7. TPM2.0</li> </ol>

## Order Information

Item	Cooling	Description
WTC-8J0	Fanless	J6412 2.6Ghz / DDR4 4G RAM, 128 SDD, 4 USB, 2 COM, 1 LAN, 1 HDMI

## I/O ports



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

