



Features

- Intel®12th Gen Core i5/i7 Processor
- 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

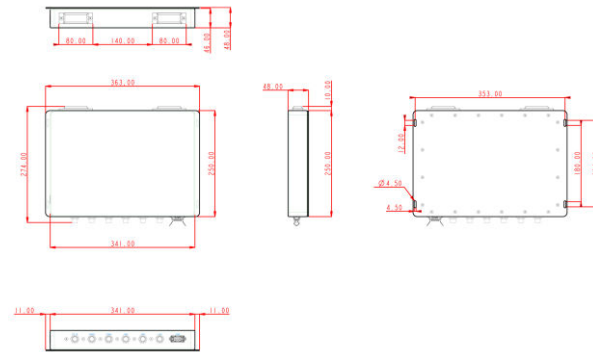
Specification

Product		WTC-9H0
Main System	CPU	Intel® 12th Gen Alder Lake-P MCP Processors, 15 W
	Graphic	Intel® 12 th Gen. Graphics
	Memory	Dual Channel DDR4 3200 MHz ,2 x 260 SO-DIMM, up to 64GB
	TPM	TPM 2.0 (On Board)
	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) with PCIe4 (Gen4) for SSD
	Expansion	1 x M.2 (Key B, 3042/3052) with PCIe1, USB3.2, USB2.0 and SIM for 4G/5G 1 x SIM socket connected to M.2 key B 1 x M.2 (Key E, 2230) with PCIe, USB2.0 and CNVi for Wireless
I/O Ports	USB	1 x M12 8pin for USB 2.0 1/2 1 x M12 8pin for USB 2.0 3/4
	COM	2 x M12 8pin for COM 1 & COM2 (RS-232/422/485)
	LAN	1 x M12 8pin for LAN 1
	Video	1 x HDMI
	DC in (Power Cable)	1 x M12 5pin DC, 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	TBD 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
	Weights (Net: kg)	6.1 Kg
	Mounting	By screw hole x 4
Certification	M12 Type: FCC-A, CE (EMC), VCCI-A, Canada ICES-003	

WTC-9H0

Stainless Steel Box PC

Dimensions



(Standard) Units (mm)

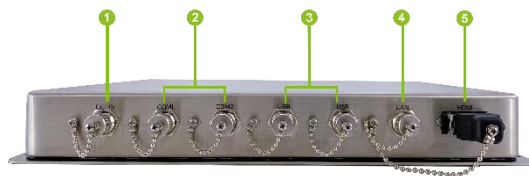
Major Options

Options	1. IP67 2. SUS316 Enclosure 3. Wireless or Wireless and BT kit (Easy Clean and Robust Antenna) 4. 2 x External LAN (Configuration: USBx2, LANx2, COMx1) 5. Windows 10 (64bit) or Windows 11 (64bit) 6. M12 (Female) to M12 (Male) DC Power Extension Cable (2 Meters Length) 7. M12 (Female) to Stripped and Tinned Wires DC Extension Cable (1.2 Meter Length)
Accessory	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. DC input cable
Customization	1. Watch Dog Timer AP/API 2. Stainless Steel M12 Connector 3. 5G Module 4. M.2 SSD 5. Barcode Reader 6. COM + Power 5V or 12V 7. USB Type C 8. Cable Gland for External I.O. 9. 2.5G LAN 10. 2nd 2.5" SSD for Raid 0,1

Order Information

Item	Cooling	Description
WTC-9H0	Fanless	Core i5-1245UE 4.4Ghz / 4G RAM, 512G 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



M12 Standard I.O.



Customization Cable Gland