

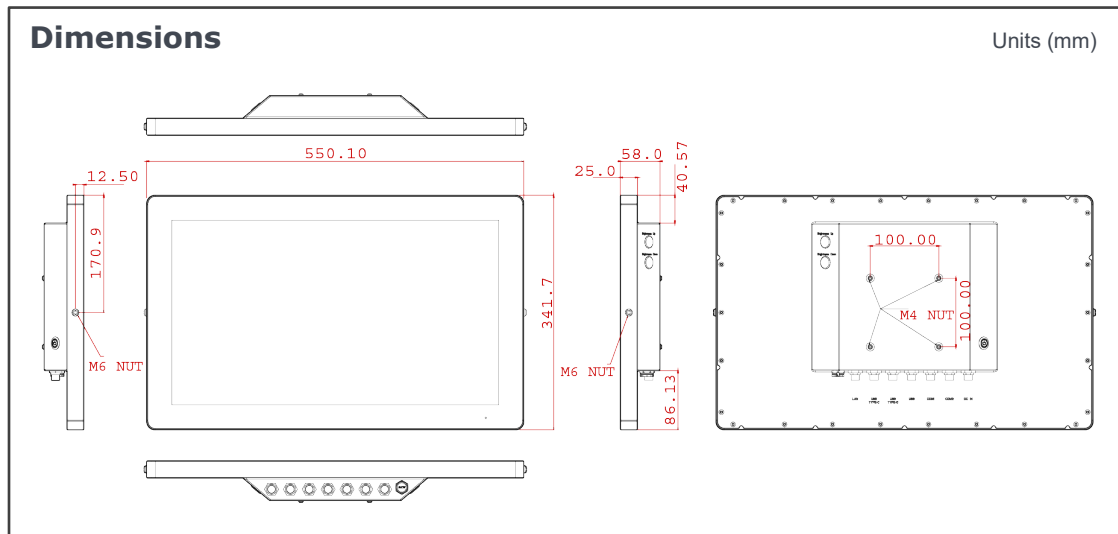


### Features

- 21.5" Intel® Core Ultra 125U Fanless Stainless Steel Panel PC
- Bezel Free
- TPM 2.0 On Board
- IP66/69K Full Sealed with Anti-Corrosion Enclosure
- Support Intel® vPro Technology by CPU
- Optional IP67 M12 Stainless Connectors
- 100% Waterproof Guarantee
- CE, FCC, VCCI Class B Certified

### Specification

Model		WTP-9K66-22	
Main System	CPU / Graphic	Intel® Core™ Ultra processors 125U, 15 W / Intel® Graphics	
	Memory	Dual Channel DDR5 5600 MHz ,1 x 262 SO-DIMM, up to 48GB	
	TPM	TPM2.0 On Board	
	OS Support	Optional Windows 10 (64 bit) / Windows 11 (64 bit)	
Display	Size	21.5" 16:9	
	Resolution (pixel)	1980 x 1080 (FHD)	
	Number of Colors	16.7M colors	
	View Angle (H/V)	170(H) / 160(V)	
	Brightness (nit)	250 nits	
	Contrast Ratio	1000 : 1 (Typ)	
Touch Panel	Type	Full flat P-Cap touch	Full flat resistive touch
	Light Transmission	≥ 88%	80±5%
	Hardness/ Lifetime	≥ 6H / 100M times	≥ 3H / 10M times
	Touch mode (API)	Auto Switch: Normal / Two-Points / Lock	Normal
Storage & Expansion	Storage	1 x M.2 (Key M, 2242/2280) with PCIe4 (Gen4) for SSD 1 x M.2 (Key M, 2242) with PCIe4 (Gen4) for SSD	
	Expansion	1 x M.2 (Key B, 3042/3052) with PCIe Gen4 x1, USB3.2 Gen 1, 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 Gen 4, USB2.0 and CNVi for Wireless	
I/O Ports	<b>Configuration</b>	<b>STD. (M12 Connector)</b>	
	USB	1 x M12 8pin for USB 2.0 (1/2) 2 x USB 3.2 Gen2 (Type-C, Support DP1.4a display output, Power output 5V/3A)	
	COM	2 x M12 8pin for COM 1 & COM2 (RS-232/422/485)	
	LAN	1 x M12 8pin for LAN 1	
	Power Control Key	1 x M12 5pin DC Power Connector Side bottom: Power on /off	
Power	DC in	1 x DC-In connector, DC 12~36V	
	Power Consumption	tbd	
	Power adapter	AC 100 ~ 277V / 47 ~ 63 Hz / DC output 24V, 5A, 120W, IP68	
Environmental	Temperature	Operating Temperature 24V DC Input 0~50°C (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	
Mechanical Characteristics	Housing	SUS304 stainless steel enclosure, chassis type	
	Dimensions (net:mm)	550 x 341.7 x 58	
	Weights (net: kg)	9.5 kg (Gross weight: 11.5 kg)	
	Mounting	VESA 100*100, side mount (M6*2)	
Certification	CE (EMC) / FCC-B / VCCI Class B, Canada ICES-003		



## Major Options

Options	<ol style="list-style-type: none"> <li>1. Full flat PCT touch screen IP69K</li> <li>2. IP67 (STD M12 type)</li> <li>3. Windows 10 (64 bit) or Windows 11 (64 bit)</li> <li>4. 802.11 BE WLAN + Bluetooth module (WiFi 7)</li> <li>5. 2 External LAN (2 X USB Type-C, 2 X LAN, 1 X COM)</li> <li>6. SUS316 Enclosure</li> <li>7. M12 (female) to M12 (male) DC power extension cable (2 meters length)</li> <li>8. M12 (female) to stripped and tinned wires DC extension cable (1.2 meters length)</li> <li>9. Barcode Reader</li> <li>10. RFID</li> <li>11. 500M Pixels Webcam (For PCP mode)</li> <li>12. 2 x 2W speaker (IP66)</li> <li>13. Waterproof Type-C cable, cable length is 2 meter (male to male)</li> <li>14. Wall mount (New for WTP-9K66)</li> <li>15. Table mount bracket (New for WTP-9K66)</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. Optical bonding (for normal brightness LCD)</li> <li>2. Wide operation temperature: -20 ~ 50 °C</li> <li>3. Panel Mount Kits (Rubber)</li> </ol>

## Order Information

Item	Cooling	Description
WTP-9K66-22-MAPAN	Fanless	21.5" Core Ultra i5-125U 1.3-4.3 GHz / 8G RAM/ 128G SSD/ Full Flat P-cap Touch/ 2 USB, 2 COM, 1 LAN, 2 Type-C
WTP-9K66-22-MAFAN	Fanless	21.5" Core Ultra i5-125U 1.3-4.3 GHz / 8G RAM/ 128G SSD/ Full Flat Resistive Touch / 2 USB, 2 COM, 1 LAN, 2 Type-C

## I/O ports

