WTP-8J66-22

Stainless Steel Panel PC

Features

- 21.5” Intel® Elkhart Lake J6412 Fanless Stainless Panel PC
- Support Win 10 / Win 11
- IP66/IP69K Full Sealed Enclosure
- 100% Waterproof Guarantee
- Brightness Control by OS
- Optional IP67 M12 Stainless Connectors
- Optional Cable Gland for External I.O.
- Customization Floor Stand Kits
- CE, FCC, VCCI Class B Certified

Specification

Product		WTP-8J66-22	
Main System	CPU	Intel® Elkhart Lake SoC Processors J6412, QC, 2.0~2.60 GHz, 10W	
	Graphic	Intel® Gen 11 UHD Graphics	
	Memory	Dual channel support 3200MHz DDR4 SODIMM socketx2, up to 32GB	
	OS Support	Win 10 / Win 11 (Option)	
Display	Size	21.5” 16:9	
	Resolution (pixel)	1920 x 1080 (FHD)	
	Number of Colors	16.7M colors	
	View Angle (H/V)	170(H) / 160 (V)	
	Brightness (nit)	250	
	Contrast Ratio	1000:1 (Typ)	
Touch Panel	Type	Full flat resistive touch panel	Full flat p-cap touch
	Light Transmission	80 ± 5%	≥86%
	Hardness	≧3H	≥7H
	Lifetime	35M hours	100M times
Storage & Expansion	Storage	1 x 2.5” SATA HDD drive bay 1 x M.2 (M Key 2242/2260/2280) SATA3 & PCIe for SSD	
	Expansion	1 x PCIex1 Gen3 1 x M.2 (E key 2230) w/PCIe x1 and shared USB2.0 for wireless 1 x M.2 (B key,3042/3052) with PCIe x1/USB 3.2/USB2.0 and SIM for 4G/5G 1 x SIM socket connected to M.2 key B	
I/O Ports	Configuration	STD. (M12 Connector)	Cable Gland (Max. 5 external I/O by proper grommet)
	USB	1 x M12 8pin for USB 1/2 (USB2.0) 1 x M12 8pin for USB 3/4 (USB2.0)	2 x USB 3.2 (Gen1) 2 x USB2.0
	COM	2 x M12 8pin/ RS232	RS232/RS422/RS485 x 2
	LAN	1 x M12 8pin for LAN (2.5 Gigabit)	1 x 1 Gigabit LAN 1 x 2.5 Gigabit LAN
	Audio	N.A.	2 x 3.5mm phone jack connector (Line-out, Mic-in)
	Video	N.A.	1 x HDMI 2.0b, 1 x VGA
	DC in	1 x M12 5pin DC Power Connector	
	Control Keys	Rear bottom: Power on /off	
Power	Power input	DC 12V~28V	
	Power adapter	AC 100~277V / 47 ~ 63 Hz / DC output 24V, 120W (IP68 PSU w/ PSE)	
	Power consumption	TBD W	
Environmental	Temperature	Operating Temperature 0~40℃ (24V DC, IEC60068-2-56, HDD) 0~50℃ (24V DC, IEC60068-2-56, SSD) Storage Temperature -20~60℃	
	Humidity	Operating & Storage: 10 ~ 90%, non-condensing	
	Water/Dust resistance	IP66 / NEMA4X / IP69K whole set / IK05	
Mechanical Characteristics	Housing	Stainless steel (SUS304), chassis type	
	Dimensions (Net: mm)	557 x 348.5 x 58.5	
	Weights (Net: kg)	12kg	
	Mounting	VESA 100*100, Side mount (M6 x 2)	
Certification	CE (EMC) FCC Class B, Canada ICES-003, VCCI Class B		

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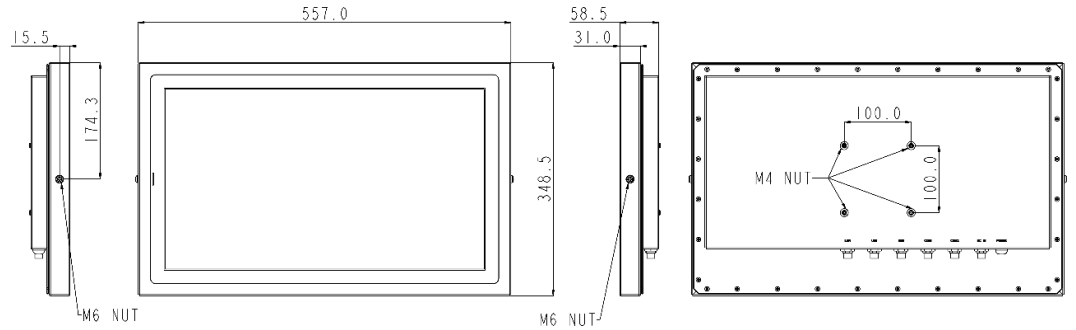
Dimensions

Units (mm)



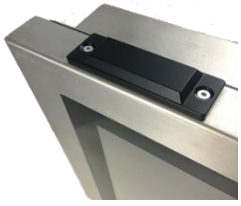
Major Options	
Options	①Wireless LAN or Wireless and BT kit (Easy Clean and Robust Antenna) ②Cable Gland for External I.O. ③External 2 X LAN (Occupy 1 x COM), ④Full Flat PCT Touch Screen IP69K ⑤Stainless M12 connector ⑥SUS316 Enclosure ⑦IP67 ⑧M12 (female) to M12 (male) DC power extension cable (2 meters length) ⑨M12 (female) to stripped and tinned wires DC extension cable (1.2 meter length)
Accessory	①Waterproof USB cable, cable length is 2 meters ②Waterproof LAN cable, cable length is 2 meters ③Waterproof COM cable, cable length is 2 meters ④DC input cable ⑤Wall Mount & Table Mount Bracket
Customization	①Sunlight readable optical bonding (Impact Protection Level :IK08) ②1000 nit high brightness LCD ③Roof for UV protection and sunlight readable, ④5W/2W Speaker ⑤Barcode reader ⑥Floor stand accessory (cable gland type) ⑦COM + power 5V or 12V ⑧TPM 2.0 ⑨5G module ⑩DC-In connector x 1 (phoenix type 4pin), ⑪M.2 SSD

Order Information

Item	Cooling	Description
WTP-8J66-22-Resis	Fanless	22” J6412 / DDR3L 4G RAM / 512G SSD / Resistive touch
WTP-8J66-22-PCT	Fanless	22” J6412 / DDR3L 4G RAM / 512G SSD / P-cap touch

I.O.

1. Giga LAN
2. USB 1/2
3. USB 3/4
4. COM x 2
5. DC-in
6. Power on/off



(Optional) Wireless or Wireless + BT kit
(Easy Clean and Robust Antenna)

Cable Gland for External I.O. (Optional)