Features：

- Intel® Core® Alder Lake i5/i7 -U mobile CPU
- 12.2-inch high-resolution and high-brightness LCD screen
- Scratch-resistant high-hardness multi-point capacitive touch screen
- Front and rear HD cameras, gravity sensor, GPS support
- Optional QR code, fingerprint, NFC modules
- Supports Wi-Fi, BT, 4G/5G and other wireless and mobile networks
- Intelligent fan active cooling, IP65 whole machine design

Remote Management   Status Monitoring   Remote Operations & Maintenance   Security Control

Specification

Model		TPP-122CQEA
LCD	Display Size	12.2"
	Display Type	TFT-LCD
	Max.Resolution	1920 x 1200
	Luminance	650 cd/m2
	Aspect Ratio	16:10
Touchscreen	Touch Type	10-point PCAP with tempered-glass cover
	Material	G+G
	Input	Finger/Capacitive Touch Pen
	Hardness	≥7H
Processor System	CPU	Intel® Core® Alder Lake i5/i7 -U mobile CPU
	TDP	15W
	Chipset	SOC
Memory	Capacity	16GB, DDR4L
Storage	Capacity	128GB, SSD
	TF Card	1 * TF Card slot, Max. 128GB
I/O	USB	1 * USB 5Gbps (Type-A) 1 * USB 5Gbps (Type-C) 1 * USB 2.0 (Type-A, Co-lay with QR-code/LAN/COM, Opt.)
	Ethernet	1 * GbE (RJ45, Co-lay with QR-code/USB 2.0/COM, Def.)
	COM	1 * RS232 (DB9/M, Co-lay with QR-code/USB 2.0/LAN, Opt.)
	Display	1 * HDMI (Mini): max resolution up to 4096x2304@60Hz
	Audio	1 * 3.5mm Jack (MIC+Line-out)
	SIM Card	1 * SIM Card slot
	POGO PIN	1 * 12Pin Pogo Pin
	Power	1 * φ5.5mm Power Input Connector (19VDC)
Function	Camera	1 * Front 2.0 MP 1 * Rear 8.0 MP
	Speaker	1 * Waterproof loudspeaker (8Ω/1W)
	G-sensor	Support
	Wi-Fi	2.4GHz + 5.8GHz dual-band Wi-Fi 6
	Bluetooth	BT5.1 (BLE)
	Mobile Network	4G LTE (Opt. 5G NR)
	GPS	GPS + Glonass (Opt. BD)

	NFC	NXP NFC 13.56MHz (Opt.)
	QR Code	Honeywell N3680 (Co-lay LAN/USB 2.0/COM, Opt.)
	Fingerprint	Supports Windows Hello login on boot (Def.)
Power Supply	Power Input Voltage	19V DC
	Connector	1 * φ5.5mm Power Input Connector
	Battery	7.4V/700mAh + 7.4V/6300mAh (Hot-swap)
OS Support	Windows	Windows 10/11
Mechanical	Usage Mode	Handheld, Vehicle mount (Opt.)
	Dimensions	339.3(L) * 230.3(W) * 26(D)mm
	Weight	1500g (Net.)
Environment	Heat Dissipation System	Fanless passive cooling
	Operating Temperature	-20~60℃
	Storage Temperature	-30~70℃
	Vibration During	1.08Grms@5~500Hz, random, 1hr/axis
	Functional Drop	1.22 m free-fall onto 20 mm plywood over concrete, 26 impacts
	IP Rating	IP65

Product I/O