

Technical Doc. :	ST_PTEM-I10J_R01 .docx
Equipment:	PTEM-I10J
Revision :	1.0



Model: PTEM-I10J

1. 10.1 inch Windows 11/ Home/ IoT/ Linux Ubuntu 20.04 & 22.04 Smart Rugged Tablet PC
2. Intel® Jasper Lake Celeron Processor N5105 (4M Cache, up to 2.90 GHz)
3. Equipped with built-in 860mAh, detachable 5000mAh polymer lithium-ion battery with hot-swappable design
4. Higher brightness display 700nits sunlight visible
5. IP65 high protection level, in accordance with MIL-STD-810G / MIL-STD-461G
6. Support GPS, Beidou, GLONASS, more accurate positioning
7. Support 8 million pixel auto focus camera, easy to collect images and video information
8. Support 1D/2D, NFC and other functional modules for free selection

General Info

OS	Windows 11/ Home/ IoT/ Linux Ubuntu 20.04 & 22.04
CPU	Intel® Celeron N5105 2.0GHz
RAM	DDR4L 8GB
Storage	128GB SSD
Storage Optional	256GB SSD
LCD	10.1 inch IPS 16:10, 1920*1200, 700nits sunlight visible
Touch screen	10 points Capacitive, G+G
Camera	2M/8M
Speaker	Built-in 0.8W waterproof speaker x 1
Sensors	Light sensor/ Compass/ Gravity/ Acceleration/ Baroceptor
Straps	Extensible belt on the rear case
Dimension	289.9 x 196.7 x 27.4mm
Net Weight	1.15kg

Technical Doc. :	ST_PTEM-I10J_R01 .docx
Equipment:	PTEM-I10J
Revision :	1.0

Data Communication	
WWAN	4G LTE, WCDMA, GSM
	4G:
	FDD: B1/B3/B7/B8/B20TDD: B40
	WCDMA:B1/B5/B8GSM: 900/1800
Bluetooth	BT4.2 (BLE) class1 transmission distance : 10
WiFi	WIFI 802.11(a/b/g/n/ac) dual frequency 2.4G+5.8G WIFI
GPS	U-blox M8Q, support:GPS, Beidou, Glonass
Fingerprint Reader	Built-in SPI Fingerprint (windows hellow boot login)
Interface	
I/O Port	USB 3.0 x1
	Type C x1 (USB3.0/HDMI/Charging)
	3.5mm standard earphone Jack x1
	HDMI 1.4a mini x1
	TF card x1 maximum 128G
	7. 3.5mm standard earphone x1
	SIM x1
	DC Jack 19V 3.42A 5.5mm power connector x1
	Pogopin 12pin (USB & docking charging) x1
	Optional Module Extension (5 choose1): RJ45x1, RS232x1, USB2.0x1, 1D/2D Bacoder Scanner x1
Hot Keys	
F KEY	Scanner key x1
Volume +	Volume adjustment key(+) x1
Volume -	Volume adjustment key(-) x1
Windows Key	Windows key x1
Power Key	Power key x1

Technical Doc. :	ST_PTEM-I10J_R01 .docx
Equipment:	PTEM-I10J
Revision :	1.0

Battery	
Built-in	7.4V/860mAh, Lithium-ion polymer battery, Non-removable 30mins (default 50% volume, default 200nit, play 1080P HD video)
Removable	7.4V/5000mAh, Lithium-ion polymer battery, pluggable, hot-swap 5hrs (default 50% volume, default 200nit, play 1080P HD video)
Others	
Proof Rate	IP65 full protection, dropping proof 1.2 meter
Temperature	Operating: -20 to 60 degree Storage: -30 to 70 degree
Certificate/Compliance	CE, CCC, MIL-STD-810G
Warranty	1 year warranty



ACCESSORIES

