

Technical Doc. :	ST_PTEM-I17J_R010 .docx
Equipment:	PTEM-I17J
Revision :	1.0



Model: PTEM-I17J 10.1 inch Explosion-Proof (ATEX certified) Rugged Tablet PC

- Intel® Jasper Lake processor Celeron N5100 @ 1.10GHz
- Equipped with detachable 5000mAh Li-polymer battery
- 10.1 inch HD 16:10, 1280×800, 700nits sunlight visible
- IP65 high protection level, in accordance with MIL-STD-810G
- Support GPS, Beidou, GLONASS, more accurate positioning
- Support 8 million pixel auto focus camera, easy to collect images and video information
- Optional 1D/2D and NFC modules

General Info	
OS	Windows 11/ Home/ IoT/ Linux Ubuntu 20.04 & 22.04
CPU	Intel Celeron N5100 @ 1.10GHz
RAM/ROM	8GB
Storage SSD	128GB
LCD	10.1 inch IPS 16:10, 1280*800, 700nits sunlight visible
Touch screen	10 points Capacitive, G+G
Camera	Front 5M, Rear 8M
Power and Battery	7.6V/ 5000mAH
Sensors	Light sensor/ Compass/ Gravity/ Acceleration/ Baroceptor
Dimension	274.9 x 188.7 x 23.1mm
Net Weight	1140g
Data Communication	
WWAN	4G LTE, WCDMA, GSM
	4G Fre:
	FDD: B1,B2, B3, B4, B5, B7, B8, B28TDD: B40, B34
	WCDMA:B1, B2,B4,B5,B8GSM: B2, B3, B5, B8
Bluetooth	BT4.2 (BLE) class1 transmission distance : 10m
WiFi	2.4G+5.8G dual frequency, WIFI 802.11(a/b/g/n/ac)
GPS	Baidou,GPS, glonass
NFC	Optional 13.56 MHz, distance 5cm or above
Barcode Scanner	Optional 1D/ 2D
Interface	
Extension interface (3 choose 1)	RJ45 network port *1 (10/100M adaptive) Standard,DB9 serial port*1 (RS232),USB 2.0 Type-A*1

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I/O Port	1.USB 3.0*1 2.Type C 3.1*1 3. 3.5mm standard earphone*1 4. HDMI 2.0a Mini*1 5. SD card*1 6. Nano SIM card*1 7.12 PIN Pogo Pin*1
Power and Battery	
Power	AC100V ~ 240V, 50Hz/60Hz, Output Type-C 12V/4A EU
Removable	7.6V/ 5000mAH Removable Li-polymer battery, 8hrs (50% volume sounds, 50% screen brightness,1080P HD video display by default)
Other	
Proof Rate	IP65, dropping proof 1.2 meter
Temperature	Operating: -20 to 60 degree Storage: -30 to 70 degree
Certificate/ Compliance	CE, FCC / MIL-STD-810G, ATEX
Warranty	1 year warranty



Hand-strap 12V/4A Adapter Docking Charger Vehicle Mount



Car Charge Back-strap TP Resist film Quad charging