

Technical Doc. :	ST_PTST-9W_R010 .docx
Equipment:	PTST-9W
Revision :	1.0



Model: PTST-9W - 8" Windows 10 Rugged Tablet PC

- 8", 16:10, 1920x1200 Resolution, 400nits Sunlight Readable
- Intel Jasper Lake processor Celeron N5100 (Optional I5-8200Y)
- RAM/ROM 4GB/64GB• 4G LTE/WIFI/GPS/BT
- Support RJ45 LAN, RS232, USB 3.0, HDMI, Audio jack
- Back pogo pin for extending the docking station
- Optional for 2D barcode reader/ Fingerprint / UHF RFID
- Windows 10 Home/ Pro/ IoT

Technical Info

OS	Windows 10 Home/ Pro/ IoT
CPU	Intel Jasper Lake processor Celeron N5100
RAM/ROM	4GB/64GB
LCD	8 inch1920*1200 ; 450 nits sunshine readable
Touch screen	Capacitive 10 point multi-touch, G+G, Rigidity: above 7H-Anti-scratch
Camera	5M/13M
Power And Battery	Battery total capacity 7.6V/ 5000mAH
	Play video 5 hours, working 8 hours, charging 4 hours
WWAN	DC 12V 4A 4.0mm power interface DC input
	4G LTE, 3G WCDMA, GSM
	4G Fre:FDD: B1,B2, B3,B5, B7, B8, B12, B20
	TDD: B38,B39,B40,B41,B34
	WCDMA:B1, B8
GPS	TD-SCDMA: B34, B39
	GSM/GPRS/EDGE
	baidou,GPS, glonass
WI-FI	802.11a/b/g/n/ac, Wireless AP (Mobile AP)2.4G, 5G
BLUETOOTH	4.2 version

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NFC	13.56 MHz, distance 5cm or above
Speaker	1.5 watt
Sensor	Light sensor/ Acceleration/ Gravity
Size	234*144*16.8mm , 1.1kg
Multi- media	Photo Viewer BMP, JPG, GIF, PNG
	Video Format: MPEG 1/2/4,H.263/H.264,RMVB,WMV/VC-1,MVC,AVS,MJPEG. (UP TO 1080P)
	Audio Format: MP3,WMA,WAV,OGG,FLAC,ALAC,APE,AAC,AC-3,DTS
Interface in/out port	USB 3.0*1, RJ45*1, RS232*1, DC*1 (3.5*1.35mm),Audio headphone*1, HDMI*1, SIM Card*1, SD Card*1, Bottom pogopin*1, Back pogopin*1
Pogopin definition	1.16pin back of cover include (USB2.0x1+UART TTLx1)2. 8pin in bottom include (USB2.0x1+UART TTLx1x1+Charge)
Casing Material	ABS/PC/Rubber TPU/Aluminum
Button	V+ -, Power, P, F, H
2D barcode module	Newland N1/N1-ER/SE4710/SE2707 (Optional)
UHF	800~930MHz (Optional)
Fingerprint	Support (Optional)
Accessories	USB Cable, Charger, Handstrap, Car Holder, Docking station, Car Charger
Proof rate	Water Proof IP65, Dropping Proof 1.2 meter
Certification	CE, FCC, MIL-STD-810G
Temperature	Operation temperature -20 to 60 degree, Storage temperature -25 to 80 degree

