



Industrial grade tablet

P802S

8.0-inch high-definition full screen, high-speed eight core, Android 13.0 system, barcode scanning



Product Technical Parameters

Product Parameters	
Performance Parameter	
Eight core	
CPU	Eight core 64 bit 2.0GHz high-performance processor
RAM+ROM	4GB+64GB/6GB+128GB
operating system	Android 13.0
Expand memory	Micro SD (TF) Card expandable up to 256GB
Data Communication	
WLAN	2.4GHz/5GHz,support IEEE 802.11ac/a/b/g/n/d/e/h/i/j/k/r/v agreement
WWAN	2G : GSM (850/900/1800/1900MHz) 3G : WCDMA (850/900/1900/2100MHz) 4G : FDD:B1/B3/B4/B7/B8/B12/B20 TDD:B38/B39/B40/B41
Bluetooth	Bluetooth 5.0+BLE, Read distance 5—10 meters
GNSS	Integrated GPS, Beidou, GLONASS and Galileo, supports AGPS, built-in antenna
Physical parameters	
Dimensions	211.5 mm x 136.0 mm x 16.3 mm
Weight	<700g (including battery)
Screen	8 inches, screen resolution 1280 x 800/1920 x 1200 (option)
BRIGHTNESS	>500cd/m2
Touch Screen	Support multi touch
Battery capacity	Rechargeable lithium polymer battery 3.8V 9000 mAh standby time > 500 hours Working hours>10 hours (depending on usage and network environment) Charging time 3-4 hours (using standard power adapter and data cable)
Expansion card slot	SIM x 1, SIM/TF x1, Option PSAM x2
Interface	USB Type-C Support OTG, USB A x2(Optional)
horn	>90db (test distance 10cm)
Audio	Speaker, microphone, earpiece
Keyboard	1 power button, 1 side volume button, custom button x2
Sensor	Gravity sensor, gyroscope, acceleration sensor
Language/Input Method	
inputting method	English, Pinyin, handwriting input, supports soft keyboard
language	Language packs for Simplified Chinese, Traditional Chinese, English, South Korea, Japan, Malaysia, Singapore and other countries
data acquisition	
Barcode collection (optional)	
scan engine	honeywell N6703 N5703 N6602-W2
Support one-dimensional barcode types	UPC/EAN, Code128, Code39, Code93, Code11, Interleave 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Coda bar, MSI RSS : Postal barcode: USPS Planet, USPS POSTNET, China Post, Kore Post, Australian Postal, Japan Postal, Dutch Postal (KIX), Royal Mail, Canadian Customs
Support two-dimensional barcode types	PDF417, MicroPDF417, Composite, RSS, TLC-39, Data matrix, QR code, Micro QR code, Aztec, Maxi Code, Han Xin

Product Technical Parameters

Camera (standard)	
Rear Camera	13 megapixel color camera (optional 20 megapixel), supporting autofocus and flash
front camera	5-megapixel color camera
UHF ultra-high frequency (optional)	
Working frequency	865-868 MHz (European frequency)
	902-928 MHz (Frequency in the United States)
	920-925 MHz (China Frequency) , Other international frequency standards (customizable)
Protocol standards	EPC C1 GEN2 / ISO18000-6C
Read distance	0-10 meters
NFC (optional)	
Working frequency	13.56 MHz
Protocol standards	ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2
Tag standards	M1 card(S50, S70), CPU card, NFC tag
Read distance	2-5 cm
ETC(optional)	
Working frequency	5.7GHz-5.85GHz
Standard	Support GB/T 20851.1-2007 and GB/T 20851.2-2007
Read distance	Read distance : ≤7 meter, Adjustable power
Second generation ID card recognition (optional)	
RF technology	Compliant with ISO/IEC 14443 type B standard and GA 450-2003 General Technical Requirements for Desktop Resident ID Card Readers
	1GA450-2003 General Technical Requirements for Desktop Resident Identity Card Readers Amendment No.1 (Draft)
	Special module for ID card verification system
Confidentiality module	
Read distance	0-5cm
Reading time	<1.55s
Working frequency	13.5MHz±7kHz
Fingerprint recognition (optional)	
Working Frequency	Configure TCS semiconductor sensors using live recognition technology
Collection area	11.3 × 12.4mm
resolution ratio	508 dpi, 8-bit grayscale
Extract format	ISO 19794, WSQ, ANSI 378, JPEG2000
Secure encryption	AES and DES key encryption are used for the communication channel of the host
Infrared (optional)	
wavelength	940 nm
Work frequency point	38 kHz
Communication Distance	>4 m
Protocol standards	DLT_645-2007, DLT_645-1997
Usage environment	
operation temperature	-20°C - 55°C
storage temperature	-40°C - 70°C
ambient humidity	5% RH -95% RH (no condensation)
Drop specification	Within the operating temperature range, all six sides can withstand the impact of a 1.2-meter drop to a marble floor
protection grade	IP66
accessory	
standard configuration	Adapter, data cable, protective film, instruction manual
Optional	Expansion, communication interface RJ45x1、RS232x1、USBx2