

P8100

Smart
and
Durable

Rugged Industrial Tablet



Urovo P8100 rugged industrial tablet suit for all kinds of application included banking, manufacturing, aviation, warehouses, hospitals, and all you can imagine.

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Octa-core
- 
**4GB RAM+
64GB ROM**
- 
QC Ready
- 
Android 9.0 Pie
- 
8 Inch Giant Screen
- 
Dual Stereo Speakers
- 
WW LTE Supported
- 
**Dual-Band WIFI +
Seamless Roaming**

Expend you vision with giant screen

8-inch air bonding TFT color screen shows giant display area and give you all information at a glance. Optional electromagnetic resonance touch panel, support specific digital signature for high security banking requirement.

Embedded scan engine ,incredible scan experience

Build-in 1D/ 2D barcode scan engine make high speed and accurate data collection possible. Whether your barcode is defaced, twisted, or folded, all new error correction algorithm can recover automatically.

Replaceable large capacity battery

8400mAh Li-ion battery supported extremely long battery lasting time. Replaceable and quick change design allow P8100 always ready for any challenge anytime, anywhere and any place.

More ruggedize, more endurable

IP67 water resistance authorized and MIL-810G 1.2m dropping military test certified, endurable under heavy duty.

More accessories, more possibilities

Optical fingerprint module
Optical fingerprint module with a large collection sensor. Dual certification of FAP30 and PIV supports specific professional data format application.

RTK position system
RTK high precision position system, can detect 0.01m accuracy, suit for specific marketing surveying and mapping application requirement.

Various accessories
Various accessories included vehicle-mounted bracket, wrist strap and protective rubber protect cover, provide thoughtful flexibly for various use case.

P8100 SPECIFICATIONS



PERFORMANCE CHARACTERISTICS

O.S.	Android 9.0
CPU	Octa-core Cortex-A53, 1.8 GHz
Memory	RAM: 4GB, ROM: 64GB RAM: 2GB, ROM: 16GB(Optional)
Extended memory	Micro SD card, up to 256GB

BASIC SPECIFICATIONS

Display	8 inch display, 1920×1200 (FHD) 8 inch display, 1280×800 (HD) (optional) 8 inch electromagnetic display ,1920×1200 (FHD) (optional)
Touch panel	Capacitive: at least five touch, support gloves touch (thickness 3.5mm) ,wet finger and passive stylus signature electromagnetic display (optional) :at least five touch, support gloves touch (thickness 3.5mm) ,wet finger and passive stylus signature
Dimensions	253.8*146*16.5mm (10.0*5.7*0.6 inch)
Weight	728.5g (25.7oz.)
Main battery	Capacity: 3.8V8400mAh Battery life: 8-10h (depends on environment and use case)
Charging time	<4 hours (with QC3.0 adapter) (Room Temperature)
Audio	Dual Speakers, Dual Microphones, Earphone
Buttons	Volume+/-, Power, Scan button, P1-P8 function key (No fingerprint) Volume+/-, Power, Scan button (with fingerprint)
Sensors	Light + accelerator + Geomagnetic + Gyro (optional)
Fingerprint	Fingerprint verification (optional)
Slots	Micro SD/TFx1、Nano- SIMx2, PSAMx1 (optional)

ENVIRONMENT

Temperature	-20°C ~ +60°C
Storage	-40°C ~ +70°C
Humidity	5%RH ~ 95%RH (No condensation)
Drop test	1.2 meters
Seal	IP67 (Without fingerprint) IP54 (With fingerprint)
ESD	Air ±15KV, Contact ±8KV

DATA CAPTURE

Camera	Front 5M Pixels, Rear 13M Pixels, Flashlight
Scanning	1D/2D barcode reader Can read all international standards 1D/2D barcode; Can read barcode displayed on screens and colored barcode
NFC	ISO 14443 Type A and B; FeliCa/Mifare and ISO 15693 cards; Reader mode, P2P mode, Card Emulation mode Apple Enhanced Contactless Polling(ECP)

WIRELESS WAN DATA

4G	TD-LTE(B34/B38/B39/B40/B41) FDD-LTE(B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B19/B20/B25/B26/B28A/B28B/B66)
3G	WCDMA(B1/B2/B4/B5/B8) TD-SCDMA(B34/B39) CDMA2000 1x EV-DO Rev.A BC0 (800MHz)
2G	CDMA1x GSM/EDGE/GPRS(850/900/1800/1900)
GPS	GPS、A-GPS、BEIDOU、GLONASS、Galileo High-precision RTK(Precision 0.01m)(Optional)

WIRELESS LAN

WiFi	IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/v/w 2.4G: CH1~CH13 (Depends on Country/Region) 5G: 36/38/40/42/44/46/48/52/56/60/64/100/104/108/112/116/120/124/128/132/136/140/149/153/157/161/165 (Depends on Country/Region)
Working Channels	
Security	EAP-TLS, EAP-TTLS, PEAP-MSCHAPv2, PEAP-TLS, PEAP-GTC, PWD, SIM, AKA WEP, WPA/WPA2-PSK, WAPI certificate, WAPI-PSK
Roaming	Support PMKID caching, 802.11r, OKC

WIRELESS PAN

Bluetooth	BT4.2+BR/EDR+BLE
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