

P8100

Smart
and
Durable

Rugged Industrial Tablet



Urovo P8100 8.0" rugged industrial tablet suit for all kinds of application, included banking, manufacturing, aviation, warehouse, and all you can imagine.



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 scann 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 automatically adapt.

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 endureable

IP67 water resistance authorized and MIL-810G 1.2m dropping military test certified, endureable 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

Optional cradle, Ethernet cradle, vehicle mounted bracket, wrist strap, rubber protective cover, and wall mount stand. Provide thoughtful flexibility for various scenarios.

P8100 SPECIFICATIONS

PERFORMANCE CHARACTERISTICS

O.S.	Android 9 Pie with GMS(Google Market Service) Urovo Home: FeatureSet, U-Setting, ScanWidget, Autoinstall, AppMarket, UMS.
CPU	Octa-core Cortex-A53, 1.8 GHz
Memory	4GB RAM / 64GB ROM
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: Multiple touch screen, support gloves, wet finger and passive stylus. Electromagnetic (optional): Multiple touch screen, support gloves, 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, audio jack
Buttons	Vol+/-, power key, scan key, P1~P8 function key Vol+/-, power key, scan key (FingerPrint model)
Sensors	Light sensor, accelerator sensor, geomagnetic sensor, gyro sensor (optional)
Fingerprint	FBI/PIV certified optical fingerprint module
Slots	Micro SD/TFx1、Nano- SIMx2, PSAMx1 (optional)
I/O	USB type C, POGO pin

ENVIRONMENT

Temperature	-20℃ ~ +60℃
Storage	-40℃ ~ +70℃
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 standards1D/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(Precision0.01m)(Optional)

WIRELESS LAN

WiFi	IEEE 802.11a/b/g/n/ac/d/e/h/i/k/r/v/w
Working Channels	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)
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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OPTIONAL ACCESSORIES

Single cradle (with battery), Ethernet cradle, wrist strap, protective cover, wall mount stand.



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