

UROVO

10.1 inch P8100P Series Enterprise Tablet



4G

Optional

5G

5G Enhances Real-time Data Transmission

Support 4G/5G full network communication, 5G connectivity offers faster data transmission speed and better signal quality and strength.



Equipped with Wi-Fi 6E for Ultra-fast Connectivity Everywhere

Enjoy the fastest wireless connection with the Wi-Fi 6E. A 75%~90% lower latency than the previous generation with a new 6GHz band reducing inter-signal interference.

Wi-Fi 6E

6GHz



*4G version supports Wi-Fi6 Ready

Super High Performance

Built-in octa-core high-performance processor, android 13 operating system, and optional large 8GB+128GB RAM for higher productivity.



Octa-core 2.4GHz (P8100P 5G)
Octa-core 2.45GHz (P8100P 4G)



Android13



4+64G/8+128G

Larger 10-inch Display

Built-in octa-core high-performance processor, android 13 operating system, and optional large 8GB+128GB RAM for higher productivity.



Large, high-definition screen with ample display area for more information at a glance.

Support multi-touch with gloves, wet finger, and passive stylus.



Efficient Connection

Adopting Bluetooth 5.2 technology, the data transmission rate doubles and the distance extends farther, and supporting multi-channel audio transmission.



*4G version with Bluetooth 5.0 technology.

Long Battery Life

Removable 10000mAh high-capacity battery with up to 12h battery life; equipped with AI intelligent charging engine technology to extend battery life.



*Unless otherwise noted, the data are from Urovo's laboratory, for reference only.

Excellent Industrial Quality

Corning Gorilla Glass cover enables P8100P scratch-resistant and durable; IP67-rated dust and water resistance, 1.2m drop-resistant, shockproof, effective response to harsh operating environments.



TEDN
TECHNOLOGY

050-7501031

P8100P Accessories



Rotating tray



Magnetic Wall Mount Wireless
Charging



Hand strap



Charging cradle



Multi-functional docking
station

Smooth and Efficient Work in Professional Scenarios

UROVO

The P8100P series assists you to perform at your best, whether in manufacturing workshops, logistics, warehousing, or government inspections.



Manufacturing



Operational
Inspection



Warehouse
Management



Retail Outlet








P8100P Specifications

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Parameter	P8100P 4G	P8100P 5G
Communication	Dual SIM Dual Standby 4G,3G,2G	Dual SIM Dual Standby 5G ,4G,3G,2G
Processor	Octa-core 2.45GHz	Octa-core 2.4GHz
Wi-Fi	2.4G/5G dual-band Wi-Fi IEEE 802.11a/b/g/n/ac /d/h/i/r/k/v/w/ mc/ax ready	2.4G/5G dual-band Wi-Fi IEEE 802.11a/b/g/n/ac/ d/h/i/k/r/v/w/ ax Wi-Fi 6E
Bluetooth	BT5.0	BT5.2
O.S.	Android 13	
Memory	RAM: 4GB ROM: 64GB RAM: 8GB ROM: 128GB (Optional) Micro SD card, up to 256GB	
Camera	5MP front camera, 13MP rear camera with flash	

P8100P 4G Enterprise Tablet Specification

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 Processor Octa-core 2.45GHz	 O.S. Android 13	 Memory RAM: 4GB ROM: 64GB RAM: 8GB ROM: 128GB Micro SD card, up to 256GB	 Display 10.1 inch display, 1920×1200(FHD)	 Touch Screen Supports multi-touch operations with gloves, wet fingers and Capacitive Stylus
 Dimensions 253.8*146*16.5mm (10.0*5.7*0.6 inch)	 Scanning Reads 1D/2D/ screen/colored barcodes	 Voice Speakers*2 dual Microphones (noise cancellation); 3.5mm earphone' s port	 Battery Removable 10000mAh battery supports QC fast charging	 Camera Front 5M Pixels, Rear 13M Pixels with flash
 Buttons Power button Volume +/- button Scan button	 Card slot Nano-SIM*2 Micro SD*1 PSAM Card*1	 Communication 4G/3G/2G Nano-SIM x 2 BT 5.0+BR/EDR+BLE Wi-Fi: 2.4G/5G , IEEE 802.11a/b/g/n/ac/d/h/i/k/r/v/ w/ax Ready	 Positioning GPS, A-GPS, BEIDOU, GLONASS, Galileo	 Protection IP65 dustproof and waterproof 1.2-meter drop resistance
 Sensor Light sensor Triaxial accelerometer sensor Geomagnetic sensor Gyro sensor	 Environment Temperature: -20°C~60°C Storage: -40°C~70°C Humidity: 5%RH~95%RH(no condensation) Electrostatic protection: air discharge ±15KV, contact discharge ±8KV			



UROVO P8100P 4G

Specifications



UROVO Technology Co., Ltd.



Specifications

Performance	Model	UROVO P8100P
	O.S.	Android 13, GMS
	Processor	Octa-core 2.45GHz
	Memory	RAM: 4GB, ROM: 64GB RAM: 8GB, ROM: 128GB(optional)
	Extended memory	Micro SD card, Up to 256 GB
Basic specifications	Dimensions	255.4*175*18.5mm
	Weight	826g
	Display	10.1 inch display, 1200*1920
	Touch Screen	Ultra sensitive capacitive touch panel , support multi-touch, works with gloves and wet fingers
	Main battery	10000mAh, QC charging
	Buttons	PWR key, Vol+/- key, scan key
	Camera	Front 5MP, Rear 13MP with flash
	Sensors	Light + Accelerator+ Geomagnetic + Gyro
	Scanning	Professional scan engine Support international standard 1D/2D barcode; Support barcode displayed on screen and colored barcode;
	Slots	Micro SD/TFx1 , Nano- SIMx2, PSAMx1 (optional)
	Audio	Dual-microphone with noise cancellation Dual-Speaker, rated power 1.2W Support 3.5mm audio jack
Network Connections	Interfaces	USB Type-C、 3.5mm ear phone jack、 Pogopin
	Positioning	GPS, A-GPS, BEIDOU, GLONASS, Galileo
	WAN	Dual-SIM, Dual-Standby 4G, 3G, 2G
	Bluetooth	BT 5.0 + BR/EDR + BLE
Environment	Wi-Fi	2.4G/5G, IEEE 802.11a/b/g/n/ac/d/h/i/r/k/v/w/mc/ax ready Roaming: 802.11r /OKC/ PMKID caching
	Temperature	-20°C to 60°C
	Storage	-40°C to 70°C
	Humidity	5%RH ~ 95%RH (No condensation)
	Drop Specification	Multiple 1.2 m drop to concrete at room temperature
	Sealing	IP67

Data Capture Specifications

1) Camera

Rear Camera	
functions	Flash light, Auto-focus, Video
Pixels	13MP



Front Camera	
Pixels	5MP, Fix-focus,

2) Scanner Engine

Spec	2D Imager Engine Specifications
Scan Angels Tilt	360°
Scan Angels Pitch	±60°
Scan Angels Skew	±60°
Laser safety level	Class 2
Barcodes support	Linear: Codabar, Code 11, Code 128, Code 2 of 5, Code 39, Code 93 and 93i, EAN/JAN-13, EAN/JAN 8, IATA Code 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MSI, GS1 Databar, UPC-A, UPC E, UPC-A/EAN-13 with Extended Coupon Code, Coupon GS1 Code 32(PARAF), EAN-UCC Emulation, GS1 Data Bar 2D Stacked: Codablock A, Codablock F, PDF417, MicroPDF417 2D Matrix: Aztec Code, Data Matrix, MaxiCode, QR Code, Chinese Sensible (Han Xin), Grid Matrix, Dot Code Postal: Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea Post, Netherlands Post, Planet Code, Postnet

3) RFID(HF)

RFID	HF
Protocol	ISO15693 ISO14443: ISO14443 Type A, ISO14443 Type B MIFARE: Mifare S50, Mifare S70, Mifare UltraLight, Mifare Pro, Mifare Desfire 、 FeliCa
Frequency	13.56MHz
Reading Distance	Read distance 0-6cm (ISO15693),0-4cm(ISO14443A/B)

Network Connections

1) Positioning

Positioning	Specification
Mode	GPS、 A-GPS、 BeiDou、 GLONASS、 Galileo
Frequency	GPS (L1 1.575GHz C/A code) , BeiDou (B1 1.561GHz) , GLONASS(L1 1.602GHz), Galileo (E1 1.589 GHz / E2 1.561 GHz)
Cold start time	Less than 40s
Max channel	31 channel
sensitivity	-130dB(SNR value 40dBHz)
Precision	5-10 Meters (open space)

2) Wireless LAN

WLAN	Specification
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Protocol	IEEE 802.11a/b/g/n/ac/d/h/i/r/k/v/w/mc/ax ready protocol (2.4G/5G dual band Wi-Fi) ,Wi-Fi 6 Ready(802.11 ax ready)
Frequency	2.4G、 5G
Security and Encryption	EAP-TLS, EAP-TTLS, PEAP-MSCHAPv2, PEAP-TLS, PEAP-GTC, PWD, SIM, AKA WEP, WPA/WPA2-PSK, WAPI , WAPI-PSK
Fast roaming	Support 802.11r fast roaming

3) Wireless WAN

WAN	Specification
Mode	Dual SIM Dual Standby
Worldwide Radio Frequency Band	4G/3G/2G: TD-LTE(B34/B38/B39/B40/B41) LTE(B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B19/ B20/B25/B26/B28A/B28B/B66) WCDMA(B1/B2/B4/B5/B8) TD-SCDMA(B34/B39) CDMA2000 1x EV-DO Rev.A BC0 (800MHz) CDMA1x GSM/EDGE/GPRS(850/900/1800/1900)

4) Wireless PAN

BT	Specification
Mode	BT 5.0+BR/EDR+BLE
Range	More than 10 Meters

Optional Accessories

Accessory	Type
Standard	Type-C cable, QC adaptor
Optional	Multi-functional Cradle, Hand Strap, Holster, LAN port dock, Forklift bracket, Stylus, Scanning hand rests