



U2

Wearable Mobile Computer Specifications



Ameta International Co. Ltd.

**Exclusive North American Partner of
Urovo Technologies**

Specifications

Performance	Model	U2
	O.S.	Android 10
	Processor	Quad-core 2.0GHz
	Memory	RAM: 2GB ROM: 16GB
	Extended memory	Micro-SD card, Up to 128 GB
Basic specifications	Dimensions	118mm×91mm×18mm
	Weight	275g
	Display	4.0 inch display (480×800)
	Touch Screen	Ultra sensitive capacitive touch panel, support multi-touch, works with gloves and wet fingers
	Main battery	Capacity: 3.7V 2600mAh
	Charging time	Less than 4 hours
	Buttons	Power, Menu, Home, Back, F1, F2
	Camera	Rear 8MP
	Slots	Micro SIM*1
	Audio	Microphone, Speaker
	Interfaces	USB Type-C、Pogopin
Network Connections	Positioning	GPS, A-GPS, BEIDOU, GLONASS, Galileo
	WAN	4G, 3G, 2G
	Bluetooth	BT 5.0 + BR/EDR + BLE
	Wi-Fi	2.4G/5G, IEEE 802.11a/b/g/n/ac Roaming: 802.11r
Environment	Temperature	-10°C~50°C
	Storage	-40°C ~ 70°C
	Humidity	5%RH ~ 95%RH (No condensation)
	Drop Specification	Multiple 5 ft./1.5 m drop to concrete at room temperature
	Sealing	IP65

Data Capture Specifications**Camera**

Rear Camera	
functions	Auto-focus, Video
Pixels	8MP

Network Connections**1) Positioning**

Positioning	Specification
Mode	GPS、A-GPS、BeiDou、GLONASS
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
Protocol	IEEE 802.11a/b/g/n/ac protocol (2.4G/5G dual band WIFI)
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
Worldwide Radio Frequency Band	TD-LTE(B34/B38/B39/B40/B41) FDD-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 50 Meters

Optional Accessories

	Type
Accessory	Cradle, R70 Ring scanner, Wrist band, 20-slot battery charging cradle