

T28 Mobile Computing Device



Features

- Adopting octa-core processor MTK 6762 & Android v8.1 OS
- Embedded 1D/2D barcode reader and physical trigger button
- Ruggedized design with IP67 rating
- World mode communications with 2G/3G/4G
- Implementing fingerprint authentication for security protection
- Precise GPS navigation with barometer integrated
- Lightweight design for everyday use, 243g

System

CPU	8*Cortex-4*A53 2.0GHz/4*A53 1.5GHz
OS	Android 8.1
Dimension (mm)	160(H) x 76(W) x 22(D)
Weight(g)	243g
ROM (eMMC)	16GB (32GB Optional)
RAM	2GB (3GB Optional)
SD card Capability	Up to 128GB
Barcode Scanner	Honeywell N6603 / Zebra SE4710 (Optional)

WWAN

2G Network	BC0
	GSM
	GPRS/EDGE Multislot Class
3G Data Speed	W-CDMA (UMTS-FDD, UTRA-FDD)
	CDMA2000 1xEV-DO Release 0(TIA/IS-856)
4G Network	E-UTRA Bands Supported
SIM / T Card Type	1 x Nano+T Card / 2 x Nano

Input Scheme

Dual Dedicated Scan Buttons	Yes
Dedicated PTT Button	Yes
Volume Up/Down Buttons	Yes
Power Key	Yes

Display

Screen	5.0" inch, HD 1280×720
Touch Panel	Capacity, 5 points touch, Corning Gorilla
Brightness(cd/m2)	380cd/m(MIN), 420cd/m(TYP)

	T28EUB	T28USB	T28EU	T28US
EU adapter included	√	-	√	-
US adapter included	-	√	√	-
With Barcode	√	-	-	√
Without barcode	-	√	-	√

Camera

Camera	Front:5.0 Mpxl (FF) / Rear: 13 Mpxl (AF)
Camera Flash	LED

Sensors

GNSS	GPS, Glonass, Beidou
Proximity Sensor	Yes
Light Sensor	Yes
E-Compass	Yes
G-Sensor(Accelerate Sensor)	Yes
Gyroscope	Yes
IRIS Scanner	Optional
Face ID	Optional
Fingerprint	Yes

Battery

Battery Capacity	4000mAh
Charge Time	<4 Hour
Talking Time	8 Hour
Quick Charge	QC3.0 or Pump Exp 9V/2A(18w)

Connectivity

Wi-Fi	802.11 a/b/g/n/ac/r	2.4G+5G
Bluetooth	BT4.2(BLE HS Compliant)	
USB Capability	USB 2.0 (Hi-Speed)	
USB Data Connector	Type-C	
Dock Pin / Dock Capability	Yes	
NFC	ISO 14443 Type A and B, FeliCa, MIFARE and ISO 15693 Cards	

Others

ESD	±15kV Air Discharge, ±8kV Direct Discharge
Drop	Multiple Drops to Concrete: 1.5m Across the Operating Temperature Range
Sealing level rate	IP67
Storage Temp.	-40°C ~ 70°C
Operating Temp.	-15°C ~ 55°C