

PD470

Mobile Computing Device



MEDIATEK

System

Platform	MTK6762
CPU	8*Cortex-4*A53 2.0GHz/4*A53 1.5GHz
OS	Android 9.0
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 (Default)

WWAN

2G Network	BC0	BC0
	GSM	GSM Quadband (850/900/1800/1900)
	GPRS/EDGE Multislot Class	Class 33
3G Data Speed	W-CDMA (UMTS-FDD, UTRA-FDD)	B1/B2/B4/B5/B8
	CDMA2000 1xEV-DO Release 0 (TIA/IS-856)	EVDO BC0
4G Network	E-UTRA Bands Supported	US :UMTS/HSPA+ Primary Bands 2/5.LTE Bands :1/2/3/4/5/7/8/12/17/19/20/28A/28B/38/39/40/41 EU:UMTS / HSPA+ Primary Bands 1/8.LTE Bands 1/2/3/4/5/7/8/12/17/19/20/28A/28B/38/39/40/41 MAX SUPPORT cat6
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

Vision Size	5.0" inch
Resolution	HD 1280x720
Technology	TFT
Touch Technology	Capacity
Multi-Touch Capability	5 Points
TP	Corning Gorilla
Brightness(cd/m2)	380cd/m(MIN), 420cd/m(TYP)

Features

- Adopting octa-core processor MTK 6762 & Android v9.0 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

Camera

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

Sensors

GPS	Yes
Glonass	Yes
Beidou	Yes
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.	-20°C ~ 55°C



Dimensions



Ordering Information

Part No.	Description
7404700010051M	PD470 Mobile Computing Device with Zebra SE4710 barcode engine (EU adapter included)
7404700010061M	PD470 Mobile Computing Device with Zebra SE4710 barcode engine (US adapter included)
7404700010071M	PD470 Mobile Computing Device without barcode (EU adapter included)
7404700010081M	PD470 Mobile Computing Device without barcode (US adapter included)
7404700010091M	PD470 Mobile Computing Device with Honeywell N6603 barcode engine (EU adapter included)
7404700010101M	PD470 Mobile Computing Device with Honeywell N6603 barcode engine (US adapter included)

Optional Accessories

Part No.	Description
7404700010111M	PD470 Charging cradle
TBD	PD470 Charging cradle with RJ45