

PD470

Mobile Computing Device



MEDIATEK

System		
Platform	MTK6762	
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 (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 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



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

All specifications are subject to change without notice. Last update: 9/1/2019



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



Forest it Design

Forest it Design is a leading provider of rugged mobile computers, all-in-One PC:s, measurement instruments and GPS/GNSS solutions. The company has offices in Sweden, UK, Germany and Finland.

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