



PD602

6" Rugged Mobile Computing Device



Features

- PD602(4G) enabled rugged handheld device to benefit from speedy wireless communication.
- Provides better Wi-Fi roaming connectivity to support the warehouse environment.
- Superior barcode engine to support all kinds of reading applications
- Hot swappable battery design
- IP67 and Drop 1.5M and 1.8M with bum
- The Longevity platform supports long-term security patch updates from Google.
- Dedicated NFC design for payment application.
- GMS certified.



System

CPU	PD602 (4G) MediaTek MT8781 (2*A76 2.2GHz+6*A55 2.0GHz)
OS	Android 13
Memory	4GB RAM + 64GB Flash

LCD Display

Size/Type	6" IPS TFT LCD
Resolution	720*1440
Brightness(cd/m2)	>500cd/m

Power Supply

Battery	Main 5000mAh 2nd 180mAh (Hot Swappable)
Charging	9V/2A (Fast Charging) or 5V/3A (PD2.0/ PE2.0)
Power Input	USB Type-C, Pogo pin

Wireless

WWAN	5G NR Sub6 2CC with 120MHz BW
	4G LTE (FDD): Bands 1, 2, 3, 4, 5, 7, 8, 12, 17, 19, 20, 28A, 28B
	LTE (TDD): Bands 34, 38, 39, 40, 41
	3G UMTS/HSPA+:WCDMA: B1,2,5, 8
	2G GSM/GPRS/EDGE (850/900/1800/1900 MHz)
WLAN	PD602 (Wifi 5) 802.11 a/b/g/n/ac
NFC	ISO/IEC14443A/B; ISO/IEC15693; Tags T1/2/3/4/5
Bluetooth	BT5.2

Peripherals and Devices

Camera	Front: 8Mpxl (FF) Rear: 13M AF(Default)/21M(Optional) with Flashlight
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Sensor	Accelerometer (G-sensor) Magnetometer Gyroscope Ambient light sensor
Navigation	AGPS/GPS/Glonass/Beidou/Galileo
Barcode Scanner	Zebra SE4710
Audio & Vibrator	2 x built-in microphone 1 x built-in speaker (2W) 1 x vibrator
OTG	Support

I/O Interface

SD Slot	1 x microSD card slot (max 512GB)
SIM Socket (Dual slot)	Mode 1: 2 x Nano SIM
USB Port	1 x USB Type-C
HDMI	--

Durability Features

IP-67 certified	Support
Drop-resistance	1.5m (XXft.)

Qualification

Certification	CB, CE, FCC, UKCA, KC
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Mechanical & Environmental

Operating Temp	-10°C ~ 50°C
Storage Temp.	-30°C ~ 70°C
Relative Humidity	10% ~ 90%RH
Dimension	184 x 81 x 15.8mm
Weight	275g



Dimensions



Accessory

Part Name	Description
Power Charger	5V/9V; 2A (18W max)
Data cable	USBA to Type-C 1000mm
E- User Manual	1
Charging cradle (1+1)	Phone+battery cell
Ejector Pin	1
Phone Case & Straps (Optional)	0

Assured Systems

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US

sales@assured-systems.com

Sales: +1 347 719 4508

Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050

Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660