

RUGGTEK

RUGGED MOBILE COMPUTER



- ✓ Display 4.0 inch
- ✓ 4GB Ram, 64GB Storage
- ✓ Long Life Battery
- ✓ Google Mobile Service
- ✓ Barcode Reader 1D/2D
- ✓ European Warranty

RPF 100

IoT terminal for data collection
with keyboard barcode scanner

www.ruggtek.com

Operating System	Android 15	support Google play store and services
Computing Platform	MediaTek MT6765	8 Cores, up to 2.30GHz
System Memory	4GB	
Storage	64GB	
Graphic Chip	PowerVR GE8320	
Display	4.0 inch	400nits brightness
Resolution	480 x 800	Portrait or Landscape, automatic screen rotation
Touchscreen	Capacitive	Multi-touch by finger and pen
Wireless LAN	IEEE 802.11ac compatible	2.4GHz and 5.0GHz, Dual Band support
Bluetooth	Bluetooth 5.1 wireless technology	Class 2
Mobile Broadband	4G LTE	Call and Data
Location	Built-in GNSS	support GPS, BeiDou, and A-GPS
Audio	Speaker	
Camera	5MP front, 13MP rear	Flash and Auto focus rear camera
Keyboard	Power button, Volume control, Barcode button, and Numeric Keypad.	
Interfaces	USB port	x1 Type-C, support OTG
	SIM Card Slot	x1
	SD Memory Card Slot	x1
	Charging - DC In power	x1 by USB Type-C
	Docking connector	x1
	Built-in Barcode scanner	1D and 2D barcode support
Optional Expansion *	Built-in HF RFID	NFC reader ISO 14443-A/B, Mifare Classic
	Built-in Long-Range Barcode scanner	1D and 2D barcode support, scan up to 12mt
Power	Lithium-ion battery	5050mAh, ample power for a full shift
	AC/DC Power Adapter	Rechargeable and end-user replaceable Input: 100-240VAC, 50/60Hz, Output: 5VDC
Dimensions	Height 166mm, Width 66mm, Depth 18.7mm	
Weight	approx.245g	
Environment	Operating Temperature	-10 °C to 50 °C
	Drop Resistant	1.22m
	Dust and Water Resistance	IP65
Regulatory	CE, FCC, WEEE, RoHS, REACH	
Ordering Code	PDA-RPF00100-0	4GB RAM, 64GB SSD, Barcode, OS Android
Included in the box	Lanyard, Power Supply, User Guide, Warranty document.	
Accessories *	Screen Protector, Pen, Spare Battery, Cigarette lighter, Phone Belt Holder, Office Cradle with Battery Charger, Rugged Cradle for RAM mounting, Adapter for Ethernet RJ45 port, Adapter for RS-232 port.	
Services *	Ruggtek Warranty, product guarantee up to 3 years.	
	Ruggtek Easy-Care, customer service agreements with accidental damage cover.	

(*) Optional

(#) Non-Standard Part, assembly by request. A minimum order quantity (MOQ) is required.

Specifications given herein may be changed at any time without any notice.

The device is tested according to regulations by an independent third-party lab.

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