

ENTERPRISE MOBILE COMPUTER

PD 55

Dual Engine & Dual Camera

PD 55 is equipped with high Scan Engine, dual-engines and dual-cameras. Both engines work at the same time and the two cameras can scan barcode at long and short focal length separately, double speed, double efficiency, and accurately read all types of 1D/2D barcode.

Powerful Performance

Designed for maximum productivity, powered with Octa-core 2.0GHz chip, 3+32GB memory, Android 11 OS, H5 is extremely fast, stable and powerful.

Professional Display

Adopting 5-inch high definition advanced touchscreen, has a wide, clear and crisp view even in bright and backlight environment. It can work well with hand-in-gloves or wet fingers operations.

Unmatched Battery Technology

Combination of 5000mAh battery and 18W fast charging makes the PD 55 one of the most worry-free device in the market in terms of long operation hours; And with one-button ejection battery buckle design, battery replacement is as fast as lightning.

Enterprise-level Security OS

a security OS specially customized for enterprise-level scenarios, is fully upgraded in efficiency and experience; enterprise-level equipment cloud management platform HMS provides professional equipment management, application and monitoring, and supports privatized deployment.

Ultra Rugged

PD 55 has IP67 Sealing and is 1.5 m drop to concrete. It performs well in a wide range of environment temperature with anti-collision, anti-vibration and dust-proof design.



APPLICATION

Mainly used in business, warehousing, manufacturing, express delivery, some industries etc.



1D



2D



7 mode 40+
frequency Global
frequency band



5000mAh
Battery



2.4G/5G
Wi-Fi



1.5W Superlinear
Speaker

PD 55 Technical Specification

Imager Window

Corning Gorilla Glass

OS

Android 11.0

CPU

MTK MT6762, Octa-core
Cortex-A53, 2.0GHz

Memory

RAM: 3GB LPDDR3
(Optional 4GB)
Flash: 32GB eMMC 5.1
(Optional 64GB)

Display

5.5 in. High Definition
(1440 × 720), industrial-grade
IPS display

Camera

Front 5 MP fixed focus; f/2.4 aperture
Rear 13 MP auto focus; f/2.2 aperture;
Flash LED generates balanced white
light; supports Torch mode

NFC

Supports TypeA&B card
Mifare card, Felica card
ISO/IEC 14443 and ISO15693
compliant

Backlight

LED backlight

Touchpanel

Corning Gorilla Glass
Capacitive touch panel,
support water & gloves
touch mode

Card Slot

1* NANO SIM+1* SIM+
1* MicroSD (TF) up to
512G

Notification

Audible tone;
multi-color LEDs;
Vibration

Communication

4G/3G/2G

Wi-Fi

2.4GHz/5GHz
IEEE 802.11 ac/a/b/g/n/d/
e/h/i/j/k/r/v/w

Bluetooth

Bluetooth 5.0
BLE

GPS

GPS L1 with AGPS
GPS/Glonass/Beidou/
Galileo

Sensors

Proximity Sensor,
Light Sensor,
Accelerometer

Buttons

Programmable;
Scan on each side;
volume up/down; power;
push-to-talk (PTT)

Voice and Audio

Speaker, Telephone receiver,
Dual microphones

Ports

1*Type-C, support USB and OTG
4*pogo pin at the bottom
for charging
2* pogo pin on the back Trigger
key signal

Battery

Rechargeable Lithium-ion
5000 mAh minimum (3.85 V),
PE fast charging (up to 3.0 A)

Power Adapter

Type-C
5V/2A, 9V/2A

Dimensions (L*W*H)

156 × 75 × 14.5 mm

Total Weight

249g with battery

Protection

IP67
1.5m drop spec

Environment

Operating temperature:
-20°C ~ +50°C
Storage temperature:
-40°C ~ +70°C

Scanner

2D Scan Engine Module
Scan range – Code 39 barcode:
20 mil: 30 mm – 880 mm
5 mil: 38 mm – 250 mm

Accessories

Adapter Charger ×1, USB Type-C cable ×1, Rechargeable
Battery ×1