

# PM550

## RUGGED ANDROID HANDHELD POWERED FOR THE WAREHOUSE

### Align your enterprise mobility platforms with Android

Android has become the operating system of choice for rugged handheld terminals even in the warehouse. Leading this shift is PM550 with Android Nougat 7.1, including enterprise-tuned features such as the Enterprise Mobility Kit (EmKit) - a customized kit designed precisely for the enterprise mobility market that makes out-of-the-box deployment extremely fast and painless.

### A new 4.3-inch display, all with more power

Run whatever tasks you need on the new 4.3-inch touch screen with maximized visibility, which feels even bigger with no virtual keypad popping up to disturb your view. We put the removable 6,300mAh battery in the gun handle for perfect weight balance and easy operation - the combination to enhance the productivity of your workforce.

### Unshakable reliability even in the harshest conditions

We know how tough your workplaces can get for your handheld devices, and not all survive. PM550 is a heavy-duty mobile terminal with a MIL-STD -810G for 1.5 m (5.0ft) drop resistance and has an IP65 rating, which means it is impenetrable to water and dust, can survive numerous drops, dramatic temperatures, and more extreme conditions. The double-molded bumper on every edge of the device along with a Gorilla Glass 3 touch screen makes PM550 the handheld you can count on.

### Scanning performance that focuses on what's important

The standard range 1D/2D imager reads all GS1 symbologies as well as poorly printed barcodes. The extra long imager option lets you scan barcodes from a distance of up to 11 meters. As a new scanning solution, the PM550 supports Extended Wedge, a feature with enables selective modification of a decoded value.



### Industries

Transport & Logistics  
Manufacturing & WMS

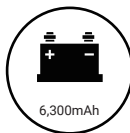
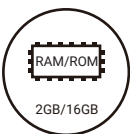
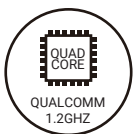
### Accessories

#### Standard

AC/DC Power Adaptor  
Country Plug  
USB Type-C Cable  
Standard Battery  
Handstrap  
LCD Protection Film

#### Optional

Single Slot Cradle (opt. Ethernet)  
6 Slot Battery Charger



## PERFORMANCE CHARACTERISTICS

### Main-Processor

Qualcomm® APQ8016 1.2GHz Quad Core 64-bit CPU

### Operating System

Google Android 7.1.2 Nougat  
(CTS & GMS certified)

### Memory and Storage

RAM 2GB  
ROM 16GB

### Sensor

Accelerometer sensor

## PHYSICAL CHARACTERISTICS

### Dimensions

With standard batt. 204.5mm L x 79mm W x 175mm D  
8.05 in. L x 3.11 in. W x 6.88 in D

### Weight

586g / 20.67oz

### Display

4.3", IPS panel (480 x 800 pixel) WVGA  
Exceptionally bright  
Daylight readable (500 nits typical)

### Touch Panel

Multi-touch capacitive Corning Gorilla glass

### Power

Main Battery 3.63V, 6,300mAh removable  
Back-up Battery 3.7V, 60mAh (Hot-Swap)

### Keypad

2 Keypad options (backlit keys) 24 Key Numeric (Shifted alpha),  
51 Key Alpha Numeric

### Standard Communications

High speed USB 2.0 type-C port

### Notification

Top-front, bottom, touch panel dual color LEDs for scanning and charging  
Vibrator  
Beeper

## WIRELESS

### Wireless LAN

Radio IEEE 802.11a/b/g/n/d/h/i/k/r/v, IPv4,  
IPv6, 1X1 SISO

Data Rates IEEE 802.11a/n: Up to 150 Mbps  
IEEE 802.11b/g/n: Up to 72.2 Mbps

Operating Channels 1 to 13 (2412~2472MHz),  
36 to 165 (5180~5825MHz)

Channel Bandwidth 20, 40 MHz

Security and Encryption WEP(40 or 104bit)  
WPA/WPA2 Personal(TKIP, AES);  
WPA/WPA2 Enterprise(TKIP/AES) -  
PEAP(MSCHAPv2, GTC),  
TLS, TTLS(PAP, MSCHAP, MSCHAPv2,  
GTC), PWD, SIM, AKA, AKA';  
LEAP, Supports FAST(MSCHAPv2, GTC)

Fast Roam PMKID Caching, Cisco CCKM, 802.11r

### Wireless PAN

Bluetooth Integrated Bluetooth Class I, Ver. 4.1  
Channels 0 to 78 (2402-2480MHz)  
Data Rates 1, 2, 3Mbps

## DATA CAPTURE

### Integrated Barcode Reader

2D Mid-range scanner Reads up to 81.9 cm (20 mil C39)

1D Extra-long range Imager Reads up to 13 meters (100 mil Code 128)

2D Extra-long range Imager Reads up to 11 meters (100 mil Data Matrix)

\*Follows the specifications of the scanner manufacturer.

Extended Wedge Edit your decode value

## USER ENVIRONMENT

Operating Temperature -20°C to 60°C / -4°F to 140°F

Storage Temperature -25°C to 70°C / -13°F to 158°F

Humidity 95% Non-condensing

Drop Multiple 5' / 1.5m drops to concrete over the operating temperature

Multiple 6' / 1.8m drops to concrete at ambient temperature 73°F/23°C;  
meets and exceeds MIL-STD-810G

Rain / Dust Proof (Sealing) IP65

Tumble 500 cycles (1,000hits) at 1m / 3.3 ft

Electrostatic Discharge ±15 kV air discharge  
±8 kV contact discharge

## REGULATORY APPROVALS AND COMPLIANCE

CB, CE, FCC, IC, TELEC, IFETEL, CCC, SRRC, RCM, WPC, BIS, CU, FAC, TRC, TRA, CITC, KC, RoHS

## ENTERPRISE SOLUTION

SOTI, Airwatch, Teamviewer



Power Launcher Kiosk mode with system restriction  
Allows admin to restrict operator's access to system settings, MTP connection and screen capture

Direct Clone Master PDA becomes a local server for a nearby Point Mobile device to automatically communicate and download/restore backup files

Scan2Set Unique two-step feature for Point Mobile Android models that enables the fastest device deployment right out of the box

## PULS - ANDROID UPDATE & SECURITY

PULS is Point Mobile's lifetime solution, which extends the life cycle of Android-based Point Mobile enterprise devices to up to seven years after a product launch.



**PULS**  
Patches, Updates & Lifetime Support

Stay up-to-date with the latest updates for 7 years  
PULS comes free of charge for security patches & updates  
Get the latest Android version and its newest features  
Conveniently update your devices in the field by FOTA

For further information, please visit  
[www.pointmobile.co.kr](http://www.pointmobile.co.kr) or contact your regional sales representative.

## WARRANTY

Subject to the Terms and Conditions, PM550 carries 1 (one) year-warranty period from the date of purchase against the defective materials and manufacturing defects.

For the further inquiry, please contact:  
[service@pointmobile.co.kr](mailto:service@pointmobile.co.kr)