

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 24 Key Numeric (Shifted alpha),
(backlit keys) 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+EDR/LE
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



Scan2Stage PC tool for provisioning Point Mobile Android devices. With Scan2Stage, IT administrator can prepare the settings of the device and make QR code for Scan2Set.

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

Direct Clone Solution for restoring the devices to the same settings with no internet connection. With Direct Clone, a Master PDA becomes a hotspot server and sends its backup file to nearby client devices to clone the settings.

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 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:
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