

# PM560

## SUPERCARGE YOUR WAREHOUSE WITH THE ULTIMATE DATA-CAPTURE MACHINE

### Next-generation technology inside the classic

While the PM560 is built into the same external form factor as its predecessor, the PM550, the technological enhancements are a leap into the future. The new handheld terminal is equipped with a faster, more efficient 2.0 GHz octa-core processor, coupled with 4 GB/64 GB storage, and it now operates on Android 11, a substantial upgrade from the PM550's Android 7. New advanced network features like Wi-Fi 6 and 2x2 MU-MIMO improve the user experience significantly with faster and more secure connections. While many have been changed, the identical form factor ensures backward compatibility, making the PM560 compatible with PM550 accessories including the Single Slot Cradle, 4-Slot Cradle, and 6-Slot Battery Charger. This compatibility ensures a seamless and low-cost transition to the PM560 with all the benefits of using the latest device.

### Advanced features tailored for seamless warehouse operations

The BLE Beacon transmits location signals for as long as six months, even when the device is powered down or without the main battery, making asset management easier than ever. With the addition of the Enterprise Hot-Swap, the device's screen remains active during battery changes and initiates a countdown. This informs workers how much time is left before a device shutdown and ensures an uninterrupted workflow before, during, and after a battery swap. For accurate data input, the PM560 comes with 47 physical alphanumeric keys. These keys deliver tactile feedback, a feature that proves particularly valuable when wearing gloves. The PM560 has its removable 6,300 mAh battery inside the gun handle, retaining the renowned ergonomic weight distribution of PM550. The scan engine comes in three options to choose from according to your specific business needs, while all three read 1D/2D barcode symbologies.

### Built to withstand extreme work environments

Engineered for heavy-duty environments, PM560 is a rugged handheld terminal that excels in industrial settings. This durable device has been tested against 1.8 m (6 ft.) drops onto concrete at room temperature and 1.5 m (5 ft.) across the operating temperature range. The IP65 rating affirms its dust and water resistance, ensuring a reliable operation even under severe conditions. The Gorilla Glass covering the screen gives an extra degree of protection against rough handling. Whether faced with repeated drops, dramatic temperature changes, or other extreme circumstances, the PM560 is built to endure.



### Industries

Transport & Logistics  
Warehouse Management  
Manufacturing

### Accessories

**Standard**  
AC/DC Power Adaptor  
Country Plug  
USB-C Cable  
LCD Protection Film  
Battery: 6,300 mAh  
Hand Strap

**Optional**  
Single Slot Cradle (opt. Ethernet)  
4-Slot Cradle  
6-Slot Battery Charger  
PM560 is backward compatible with PM550 charging cradles.


# PM560

## PERFORMANCE CHARACTERISTICS

### Main processor

Qualcomm® octa-core @2.0 GHz

### Operating system

Google Android (GMS & AOSP) Android 11 (upgradable to Android 14)  
FOTA (Firmware Over The Air) update

### Memory and storage

RAM/ROM 4 GB/64 GB

Sensor Accelerometer

## PHYSICAL CHARACTERISTICS

Dimensions 204.5 mm x 79 mm x 175 mm  
8.05 in x 3.11 in x 6.89 in

Weight 602 g/21.2 oz.

Display 4.3" IPS panel (480 x 800 pixels), WVGA  
LED backlight  
Daylight readable (450 nits)  
Multi-touch capacitive  
Corning Gorilla Glass

### Power

Main battery 6,300 mAh, 3.63 V, Li-ion rechargeable  
Back-up battery 400 mAh, 3.8 V, for Hot-Swap

### Key and buttons

Keypad Alphanumeric (47 keys)  
Buttons Power (left), Scan trigger (gun handle)

Voice and audio Microphone (front), built-in speaker (back)

Standard communications USB 2.0 Type-C  
POGO 14 pin on the bottom for charging

Notification LED on front/top (scanning),  
LED on rear/bottom (scanning),  
LEDs with dual color on touch panel  
(charging status, warning),  
Vibration, Beep

## WIRELESS

### Wireless LAN

Radio IEEE 802.11 a/b/g/n/ac/ax/d/h/i/k/r/v,  
2x2 MU-MIMO

Data rates 5 GHz: 802.11 a/n/ac/ax up to 1200 Mbps  
2.4 GHz: 802.11 b/g/n/ax up to 286.8 Mbps

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

Channel bandwidth 20, 40, 80 MHz

Security and encryption WEP/WPA/WPA2 Personal (TKIP/AES),  
WPA/WPA2 Enterprise (TKIP/AES), WPA3  
Personal (SAE), WPA3 Enterprise (AES),  
WPA3 Enterprise 192-bit mode (GCMP  
256), Enhanced Open (OWE), PEAP  
(MSCHAPV2, GTC), TLS, TTLS (PAP,  
MSCHAP, MSCHAPV2, GTC), PWD, LEAP

Fast Roam CCKM, 802.11r

### Wireless PAN

Bluetooth Bluetooth Class I  
Ver. 5.0 BLE support  
Beacon (transmits signals for up to 6 months,  
power-off and without main battery)

## DATA CAPTURE

### Integrated scan engine options

SE4750, N6703, N6803 FR\* all supporting 1D/2D barcode  
symbolologies

### NFC (Near Field Communication)

NFC-Forum (NFC-IP Modes) Reader for NFC Forum (Tag Types 1 to 5),  
P2P Active (106 to 424 kbps) Initiator and  
Target, P2P Passive (106 to 424 kbps)  
Initiator and Target

Reader (PCD – VCD) ISO/IEC 14443 A, ISO/IEC 14443 B, ISO/IEC  
15693, Mifare Classic 1K/4K, Mifare  
DESFire, Mifare UltraLight®, Sony FeliCa

## 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 1.8 m (6 ft.) multiple drops to concrete at  
room temperature (23 °C/73° F)

1.5m (5 ft.) multiple drops to concrete  
across the operating temperature range,  
MIL-STD-810H

Tumble 500 cycles (1,000 hits), 1 m/3.3 ft. tumbles  
per IEC 60068-2-32 specification

Rain/dust proof (Sealing) IP65

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

## REGULATORY APPROVALS AND COMPLIANCE

RCM, CE/CB, WPC, BIS, IC, FCC, NRCAN, UKCA, IFITEL, NOM,  
SASO IECCE, CITC, TRA, NTRA, WEEE, REACH, RoHS, IMDA

## ENTERPRISE SOLUTION

 **PMDM**  
Simple yet powerful management solution

PMDM is a mobile device management solution for managing  
and monitoring your Point Mobile Android devices.  
Centralized management of enterprise devices is vital for better  
productivity. You should provide a device configuration that the  
workers can concentrate on their work with the device, and also  
decrease the device downtime by predicting when to replace  
the battery, etc.

 **EmKit**  
Enterprise Mobility Kit

The EmKit™ is Point Mobile's value-added service kit engineered  
for the pure benefit of system integrators. EmKit supports the  
utilization, solution development, and secure management of  
your business devices.

## PULS – ANDROID UPDATE & SECURITY

PULS is a 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.com](http://www.pointmobile.com) or  
contact your regional sales representative.

## WARRANTY

Subject to the Terms and Conditions, PM560 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.com](mailto:service@pointmobile.com)

\*MOQ applies: Please contact sales representatives for more information.

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