POINT Mobile

PM560

SUPERCHARGE 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.

OCTA CORE — QUALCOMM 2.0 GHZ

ANDROID 11

RAM/ROM — 4 GB/64 GB

4.3" WVGA 480 x 800

DAYLIGHT READABLE

GORILLA GLASS

6,300 mAh

ENTERPRISE HOT-SWAP

ALPHA NUMERIC 47 KEYS

WIFI 6

2x2 MU-MIMO

BLE Beacon

2D IMAGER

NFC

IP65

1.8 m (6 ft.) 1.5 m (5 ft.)

EMKIT SUPPORT

PULS SERVICE

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

Key and buttons

Keypad Buttons	Alphanumeric (47 keys) 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 symbologies

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 temprature 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 IECEE, 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 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.

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