SCOPE LINK
BARCODE TECHNOLOGIES

PM66

MULTI-PURPOSE ENTERPRISE RUGGED MOBILE COMPUTER

Powerful Snapdragon will empower your work

Qualcomm's Snapdragon MSM8916 processor is a market-proven AP(Application Processor) which has Quad-Core with up to 1.2GHz clock speed. It is truly SoC(System on a Chip) having 4G LTE, Wireless LAN, Bluetooth, S-GPS and Camera bus interface.

Google Android 6.0.1 Marshmallow is the heart of system

PM66 runs on Google's latest Android 6.0.1 Marshmallow OS and it is certified by Google Mobile Services (GMS) to support all Google official API including Google Play and Google Maps.

Physical backlit numeric keys towards field-work-forces

More and more field-workers requires smartphone-like features in the field, but fast & accurate input is still very critical for productivity. Users prefer physical keys instead of a touch-based virtual keypad on screen. Along with a keypad below a 4.3 inch screen, PM66 is still light, slim, and has a relatively small form factor against conventional brick-style mobile computers. Each key is wide and big enough for firm, fast and accurate data input. LED back-lit keypad makes working easy in any dimly lit areas.

Fully-rugged and versatile for outfield & warehouse/logistic applications

PM66 is slim and light in design but still fully-rugged with IP67 water/dust proof and 1.5m multi-drop resistant on concrete. PM66 has various configurations, such as full 4G/LTE version for outfield and a Wi-Fi-only version for warehouse/logistic applications. For Wi-Fi-only models, the device can be docked with a gun-shaped scan-trigger handle optimized for scan-intensive applications in warehouses.

Industries

- Retail
- Field Services
- Public Sector
- Transport & Logistics
- Hospitality

Accessories

Standard
- AC/DC Power Adaptor
- Country Plug
- Standard Battery
- Stylus Pen and Tether
- Handstrap
- LCD Protection Film

Optional
- USB Sync Cable
- Single Slot Cradle (opt. Ethernet)
- 4 Slot Battery Charger
- 4 Slot Cradle
- Gun Handle

POINT MOBILE DATA SHEET
PM66-DS05-EN

PM66

PERFORMANCE CHARACTERISTICS

Main-Processor

Qualcomm MSM8916 @ 1.2GHz Quad-core

Operating System

Google Android (CTS & GMS certified)	6.0.1 Marshmallow FOTA (Firmware Over The Air) update is available via MS Azure™ Cloud

Memory and Storage

RAM	2GB
ROM (NAND Flash)	16GB
Micro-SD	Micro-SD card slot supports up to 32GB SDHC

Sensor	Proximity sensor Light ambient sensor Acceleration sensor Gyro and Digital compass

PHYSICAL CHARACTERISTICS

Dimensions

With standard batt.	166.01mm L x 76.83mm W x 29.27mm D 6.53 in. L x 3.02 in. W x 1.15 in D

Weight

With standard batt.	300g / 10.58oz

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 Wet touch Glove touch
Power	3.85V, 4,100mAh Li-ion rechargeable UN38.3 certificate, UL2054/UL1642, IEC62133 KC/PSE Supports micro USB charging
Keypad	Numeric keypad (24 Keys) with backlight
Audio Support	Support VoIP Two built-in microphones (Noise-cancelling) Speaker Receiver and headset jack (3.5mm) Wireless Bluetooth headset support
Standard Communications	High speed USB 2.0 from cradle and Micro-USB port

Notification

Front	2 x dual color LEDs for Power indication, Warning indication & Scan reading
Scan Alert	Vibration, beep

GLOBAL POSITIONING SYSTEM

GPS

Integrated GPS, GLONASS and BeiDou.
Simultaneous-GNSS and Standalone-GNSS without WAN

WIRELESS

Wireless WAN

EDGE/GPRS/GSM	900/1800
3G HSPA	B1/2/5/6/8/19
4G	LTE (B1,2,3,5,7,8,17,20,40,41)
3G	UMTS/HSDPA/HSUPA/HSPA/ HSPA+(B1/2/5/6/8/19)
2G	GSM/GPRS/EDGE (900/1800 MHz)

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, 80MHz
Regulatory Compliance	As per IEEE 802.11n
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', FAST(MSCHAPv2, GTC), LEAP
Fast Roam	PMKID Caching: Cisco CCKM, 802.11r

Wireless PAN

Integrated Bluetooth Class I, Ver. 4.1

DATA CAPTURE

Camera

Rear	13MP AF with LED flash

Integrated Barcode Reader

1D Laser Scanner	All 1D standard symbology & postal code
2D Imager Scanner	All 1D/2D standard symbology including GS1 databar

NFC (Near Field Communcation)

ISO14443A, ISO14443B & ISO15693 are supportive, 13.56MHz HF
*Supported TAG-ICs:
MIFARE® 1k, MIFARE 4k, MIFARE Plus, MIFARE UltraLight, MIFARE UltraLight C, MIFARE DESFire, MIFARE DESFire EV1, ISO 14443A/B tags

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 1.5m(5 ft) drops to steel over the operating temperature
Water / Dust Proof (Sealing)	IP67
Tumble	500 cycles (1,000 hits) at 1 m / 3.3ft per IEC 60068-2-32
Electrostatic Discharge	±15 kV air discharge ±8 kV contact discharge

REGULATORY APPROVALS AND COMPLIANCE

Certified CE, CB, CEC, CU, FAC, FCC, IC, PTCRB, KC, RCM, WPC, BIS
Environmental: RoHS II, WEEE compliant

ENTERPRISE SOLUTION

SOTI, Airwatch, Teamviewer

EmKit

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

SCOPE LINK - BARCODE TECHNOLOGIES
Website: https://www.scopelink.com.au | Tel: +61 2 8006 6644 / eMail: info@scopelink.com.au

Copyright © 2006-2018 Point Mobile Co., Ltd. All rights reserved. Point Mobile Co., Ltd. is the designer and manufacturer of handheld mobiles.
Point Mobile Co., Ltd. Logo are registered trademarks and symbols of Point Mobile Co., Ltd. Features and Specifications are subject to change without prior notice.