

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.

Google Sty 'Ck Google' Sty 'Ck Google'

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



































PM66

PERFORMANCE CHARACTERISTICS

Main-Processor

Qualcomm MSM8916 @ 1.2GHz Quad-core

Operating System

Google Android 6.0.1 Marshmallow

(CTS & GMS certified) FOTA (Firmware Over The Air) update is

available via MS Azure™ Cloud

Memory and Storage

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

4.3", IPS panel (480 x 800 pixel) WVGA Display

Exceptionally bright

Daylight readable (500 nits typical)

Touch Panel Multi-touch capacitive Corning Gorilla glass Wet touch

Glove touch

3.85V, 4,100mAh Li-ion rechargeable Power

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

High speed USB 2.0 from cradle Communications and Micro-USB port

Notification

2 x dual color LEDs for Power indication. Front

Warning indication & Scan reading

Scan Alert Vibration, beep

GLOBAL POSITIONING SYSTEM

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

LTE (B1,2,3,5,7,8,17,20,40,41) UMTS/HSDPA/HSUPA/HSPA/ 4G 3G

HSPA+(B1/2/5/6/8/19) GSM/GPRS/EDGE (900/1800 MHz) 2G

Wireless I AN

Operating

Channels

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

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

20, 40, 80MHz Channel

Bandwidth

Regulatory As per IEEE 802.11n

Compliance

WEP(40 or 104bit)

Security and WPA/WPA2 Personal(TKIP, AES); Encryption

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+EDR/LE

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 Communication)

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

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

Temperature

-25°C to 70°C / -13°F to 158°F

Storage Temperature

Humidity 95% Non-condensing

Drop

Multiple 1.5m(5 ft) drops to steel over the operating temperature

Water / Dust Proof IP67 (Sealing)

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

per IEC 60068-2-32

Electrostatio 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 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

Scan2Set Scan2Set is designed for decoding the

secured QRcode made by Point Mobile's ORcode Generator, Just a single scan will make any device setup quick and

painless.