POINT Mobile

PM66

MULTI-PURPOSE ENTERPRISE RUGGED MOBILE COMPUTER

Powerful Qualcomm Snapdragon will empower your work

Qualcomm's Snapdragon MSM8916 processor is a market-proven AP(Application Processor) which has Quad-Core with up to 1.4GHz 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 Operating System and it is certified by Google Mobile Services (GMS) to support all Google official API including Google Play and Google Maps.

Wider & Brighter IPS display provides better visibility

PM66 adopts 4.3" IPS panel TFT-LCD with capacitive touch screen and it supports wide-viewing angle and daylight readability in order to maximize the best performance in the out-field. To support harsh environment, top of screen is protected Corning Gorilla Glass 3 tempered glass.

Physical Numeric keys with keypad back-light towards field-work-forces

More and more field-workers requires smartphone-like features in the field, but still fast & accurate input is very critical in terms of productivity, users prefer physical keys instead of touch-based virtual keypad on the screen. Along with keypad at the bottom of 4.3inch screen, PM66 is still light, slim, relatively small form factor against conventional 'brick-style' mobile computers. Each key is wide and big enough for users to input data firmly, fast and accurately. LED back-lit keypad powers ease to work at night and dimmed-light area anywhere.
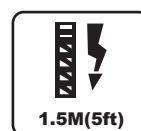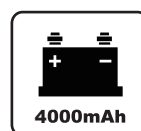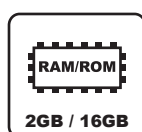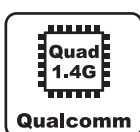
Powerful Wireless; 4G LTE & IEEE 802.11 a/b/g/n and Bluetooth 4.1 LE

As of Enterprise mobility purposes, PM66 is completely tuned for Enterprise work-forces; smooth hand-over between WWAN and WLAN each other, seamless roaming among many routers & access points in the harsh working environment, because Enterprise users prior seamless connectivity to speed. PM66's 4G LTE category 4 is truly designed for covering all worldwide including United States and Europe. Newest Bluetooth Low Energy supports dramatic low power consumption and 3x faster speed than previous Bluetooth version, which specification is getting more critical at location-based solutions like Beacon.

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

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

Quad 1.4G Qualcomm	RAM/ROM 2GB / 16GB	ANDROID 6.0.1	WVGA 800X480	DAYLIGHT READABLE	GORILLA GLASS 3	4G LTE	802.11 a/b/g/n

NFC	LASER	IMAGER	13MP REAR	Built-in GPS	4000mAh	IP67	1.5M(5ft)

Technical Specifications

Physical Characteristics
Dimensions with battery:
76.83 mm x 166.01 mm x 29.27 mm
(3.02 x 6.53 x 1.15 inch)
Weight: 300g (10.58oz) with battery

Environmental
Operating: -20°C to 60°C (-4°F to 140°F)
Storage: -25°C to 70°C (-13°F to 158°F)
Relative Humidity: Non-condensing, 95%
Rain & Dust Proof: IP67
Drop: 1.5m (5 ft) per MIL-STD 810G
Tumble: 500 cycles (1,000hits) @
1.0 meter (3.3'ft) per IEC 60068-2-32
Electrostatic Discharge:
+/- 15 kV air discharge +/- 8 kV contact discharge

Power
Battery : Li-Ion, 3.85V 4,100mAh,
Rechargeable, UN38.3 certificate,
UL2054/UL1642, IEC62133 KC/PSE
Supports micro USB charging

Operating System
Google Android 6.0.1 Marshmallow
(CTS & GMS certified)

Micro-Processor
Qualcomm MSM8916 @ up to 1.4GHz Quad-core

Memory and Storage
Memory: 2GB RAM
ROM: 16GB NAND Flash
User-accessible micro-SD cards up to 32GB SDHC

Display
4.3 in. IPS panel WVGA (480 x 800 pixel),
exceptionally bright, outdoor viewable,
optically bonded to touch

Touch Panel
Multi-touch capacitive touch panel,
optically bonded with Corning Gorilla glass for
strong and rugged durability. Works even when
wet and with many offthe-shelf gloves.

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

Camera
13MP with LED flash (Rear only)

Keypad Options
Numeric keypad (24 Keys) with backlight

Sensors
Proximity sensor, Light ambient sensor,
Acceleration sensor, Gyro and Digital compass

Wireless WAN
EDGE/GPRS/GSM:900/1800
3G HSPA : B1/2/5/6/8/19
4G LTE FDD: B1/2/3/4/5/7/8/17/20
4G LTE TDD : B40/41

Wireless LAN
IEEE 802.11 a/b/g/n Data Rates: Up to 150Mbps
Operating Channels: 1 to 13 (2.4GHz & 5GHz)
Regulatory Compliance: As per IEEE 802.11n
Security: WEP / WPA / WPA2 and more
Authentication: PEAP/MS-CHAPv2, EAP-TLS

Wireless PAN
Integrated Bluetooth Class II, Ver. 4.1
Operating Channels: 0 to 78 (2402-2480MHz)
Data Rates: 1, 2, 3Mbps

Global Positioning System
12 channel integrated GPS:
Assisted via WAN carrier, support GLONASS

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

Integrated Barcode Scanner
1D Laser Scanner: Supprting all 1D standard
symbology & postal code
2D Imager Scanner: Supporting all 1D/2D
standard symbology including GS1 databar

LED Indicator & Scan Alert
Indicator: 2 x dual color LEDs on front.
1) Power indications, 2) Warning indications,
3) Scan reading
Scan Alert: Vibration, beep

Audio Support
Support VoIP, built-in two microphone (Noise-cancelling),
speaker, receiver and headset jack (3.5mm),
wireless Bluetooth headset support

Accessories
Standard Accessories: AC/DC power adaptor &
country plug, Standard battery, Stylus pen and tether,
Hand Strap, LCD protection film
Optional Accessories: USB sync cable, Single-slot cradle,
4-slot battery charger, 4-slot cradle, Vehicle mount,
Cigar jack charger, Gun-handle

Standard accessories

AC/DC Power Adaptor

Country Plug
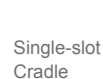
Standard Battery

Stylus pen and tether

Hand Strap

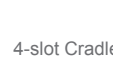LCD Protection Film

Optional accessories
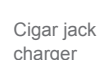
USB Sync cable

Single-slot Cradle

4-slot Battery Charger

4-slot Cradle

Vehicle mount

Cigar jack charger

Gun-handle