

# PM60

## ALL MIGHTY RUGGED MOBILE COMPUTER

### Optimize your workforce with maximum outdoor features

PM60 is perfectly designed for outside-4-wall applications with full VGA(480x640), daylight readable (600NIT) & wide viewing angle 3.5" TFT-LCD. Seamless screen will provide comfortable touch and drag with fingertips more than ever.

### Maximize power and speed with latest micro processor

Adopting the latest Cortex A8 @ 1GHz processor from TI (Texas Instrument) and 512MB/1GB(RAM/ROM), PM60 will give you maximum power and speed for your field workforces to conduct any complicated job process in the field.

### Extend your business with two Operating Systems

Now you can choose either Windows Embedded Handheld 6.5 or Android 4.2 Jellybean. Now, Windows Embedded CE 6.0 is available for non-3G model.

### Enjoy fast barcode scanning and high resolution camera

You can select either a laser scanner or an imager scanner as built-in option. Laser scanner supports all standard 1D symbologies. The imager has laser aimer for easy aiming and can read all standard 1D/2D barcode symbologies and GS1 Databar. You can also have great benefit for reading poor-printed and damaged barcodes. Unbeatable 5.0 mega pixel camera provides high resolution picture and video to help you free from any possible disputes with customers due to damaged items at the site.



### Industries

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

### Accessories

- |                       |                                    |
|-----------------------|------------------------------------|
| <b>Standard</b>       | <b>Optional</b>                    |
| AC/DC Power Adaptor   | Single Slot Cradle (opt. Ethernet) |
| Standard Battery      | 4 Slot Battery Charger             |
| Stylus Pen and Tether | 4 Slot Cradle                      |
| USB Sync Cable        |                                    |
| Handstrap             |                                    |
| LCD Protection Film   |                                    |



## PERFORMANCE CHARACTERISTICS

### Main-Processor

TI - Cortex A8 Processor @ 1GHz

### Operating System

Windows Embedded Handheld 6.5 Professional  
Windows Embedded CE 6.0 Professional  
Google Android 4.2.2 Jellybean

### Memory and Storage

RAM 512MB  
ROM (NAND Flash) 1GB  
Micro-SD Micro-SD card slot up to 32GB SDHC

### Sensor

Accelerometer  
Ambient Light

## PHYSICAL CHARACTERISTICS

### Dimensions

With standard batt. 156.9mm L x 75.6mm W x 25.8mm D  
6.1in L x 2.9in W x 1.1 in D

### Weight

With standard batt. 340g / 11.9oz

### Display

3.5" (480 x 640 pixel)  
VGA TFT-LCD  
Daylight readable 600NITS  
Wide viewing angle,  
Resistive touch

### Power

Standard Battery 4,000mAh Li-ion (14.8Wh) rechargeable  
IEEE 1725 Compliant

### Keypad

Numeric (27 key) or QWERTY (45 Key)  
with backlight

### Audio Support

Supports VoIP  
Built-in microphone and speaker  
Receiver and headset jack (3.5mm)  
Wireless Bluetooth  
Headset support

### Standard Communications

High speed USB 2.0 from  
either cradle or USB sync cable

### Notification

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

## GLOBAL POSITIONING SYSTEM

### GPS

12 channel integrated GPS: assisted via WAN carrier:  
accuracy within 3m, Stand-alone GPS available

## WIRELESS

### Wireless WAN

UMTS 800, 900, 1900, 2100MHz  
Frequencies

GSM/GPRS 850, 900, 1800, 1900MHz  
Frequencies

Technology Class 3.9G HSPA+  
UMTS

Max Speeds Uplink – 5.76 Mbps:  
Downlink – 14.4 Mbps

Antenna Interna

### Wireless LAN

Radio IEEE 802.11 a/b/g/n

Data Rates Up to 72.2 Mbps

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

Bluetooth Integrated Bluetooth Class II,  
Ver. 2.1+EDR

Channels 0 to 78 (2402-2480MHz)  
Data Rates 1, 2, 3Mbps

## DATA CAPTURE

### NFC (Near Field Communication)

13.56MHz HF RFID & NFC  
Supported TAG-ICs : MIFARE® 1k/4k/Plus,  
MIFARE UltraLight, MIFARE UltraLight C,  
MIFARE DESFire, MIFARE DESFire EV1,  
ISO 14443 A & B

### Camera

5.0 MP AF camera 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

## USER ENVIRONMENT

Operating Temperature -20°C to 55°C / -4°F to 140°F

Storage Temperature -25°C to 70°C / -40°F to 158°F

Humidity 95% Non-condensing

Drop MIL-STD 810G for 1.5m(5ft)

Rain / Dust Proof (Sealing) IP65

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

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

## REGULATORY APPROVALS AND COMPLIANCE

Safety: EMC, UL, RF, Laser, LED approvals  
Radio: FCC, CE, KCC Marks  
Environmental: RoHS & WEEE compliant