

# 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 latest Operating System

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.

### Experience fast & stable wireless communication

3.9G WWAN HSPA+ supports up to 5.76Mbps @ uplink and 14.4Mbps @ downlink. Built-in A-GPS provides you visibility of your workforce location fast and accurately. Wireless LAN supports IEEE 802.11 a/b/g/n supporting both 2.4GHz and 5GHz band.

### 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.

### Robust & rugged spec keep your TCO low and minimize down-time

The PM60 is designed from the ground up for rugged applications. With its IP65 water/dust proof sealing per MIL-STD-810G, 1.5m (5 ft) repeated drops to concrete at all range of operating system, and wide operating temperature range the PM60 stands up to most any demanding application.

### Compatible Utilities



PM60 can be suitable for logistics & transportation, Direct store delivery, field meter reading, field service, police enforcement, professional services and any other outdoor applications at a variety of vertical markets, such as manufacturing, couriers & 3PL, retail, utility, government & public sector, construction, heavy industry, agriculture, insurance, health care and educational services.

Cortex 1GHz	512MB/1GB	WEH 6.5 WIN CE 6.0 ANDROID 4.2	FULL VGA	DAYLIGHT READABLE	QWERTY 1 2 3 4	3G HSPA+	
802.11 a/b/g/n	LASER	IMAGER	5M CAMERA	BLUETOOTH	Built-in GPS	IP65	1.5M (5ft)

# PM60

## 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 800 pixel) VGA TFT-LCD  
Backlight (600NITs)  
Daylight readable (500 nits typical)  
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

## 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

## 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 1 m /3.3ft

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

## DATA CAPTURE

### NFC (Near Field Communcation)

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

## GLOBAL POSITIONING SYSTEM

### GPS

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

## WIRELESS

### Wireless WAN

UMTS Frequencies 800, 900, 1900, 2100MHz

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

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

## REGULATORY APPROVALS AND COMPLIANCE

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

## ACCESSORIES

### Standard Accessories



AC/DC Power Adaptor



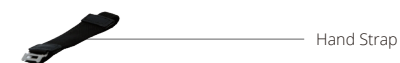
Standard Battery



Stylus Pen and Tether



USB Sync Cable



Hand Strap



LCD Protection Film

### Optional Accessories



Single-Slot Cradle



Single-Slot Ethernet Cradle



4-Slot Battery Charger



4-Slot Cradle



Lether Carrying Case