

# PM251

## ALL MIGHTY HANDY TERMINAL WITH UNBEATABLE FEATURES

### The World-Best-Seller comes back with powerful upgrade

PM250 is our one of the best selling model in the world, however, as technology gets improved and user applications gets smarter, Point Mobile finally releases PM251 with various powerful performance upgrade. Now you can maintain user-friendly PM250's form factor but enjoy twice faster and better feature as well as maximum stability of the device ever.

### Excellent wireless LAN communication with dual frequency

Inherited world-wide performance recognition of PM250, Point Mobile has released PM251 with superb wireless communication technology - Wireless LAN IEEE 802.11 a/b/g/n that supports both 2.4Ghz and 5Ghz with speed up to 72.2Mbps. It gives you lots of choices to users side but both frequency has powerful AP roaming function seamlessly.

### High-powered Texas Instruments® Cortex 1Ghz Micro Processor

brings you complete hassle-free against any heavy embedded applications, local databased connected applications as well as trendy web-based applications for cloud computing. PM251 also has 512MB RAM and 512MB ROM, therefore, faster processor and memory makes PM251 is twice faster than legacy PM250.

### High Performance Generation 6 - Adaptus™ 1D/2D imager

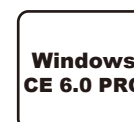
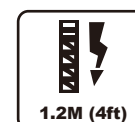
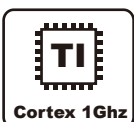
would make different and superior barcode imaging scanning performance. Double improved C-MOS sensor resolution, optimized illumination and Adaptus 6.0 will give you superior image acquiring that allows to be versatile for any image scanning application like document imaging or OCR reading performance.

### Latest Microsoft® Windows Embedded CE 6.0 Pro

will free you from those problems that Windows CE had, such as number of operating process, memory capacity per each process, and you will be able to use your application fully with Mobile Embedded circumstance.

### Integrated Bluetooth v2.1+EDR( Enhanced Data Rate)

brings you instant data transfer with printer, headset and modem, etc. Despite simplified pairing, PM251 offers you maximum 5 times low power consumption and truly code-free performance.



## Technical Specifications

### Physical characteristics

Dimension with battery  
175 x 66 x 26.8 mm (6.88 x 2.60 x 1.06 in)  
Weight: 250g (8.8oz) with standard battery  
270g (9.5oz) with extended battery

### Environmental

Operating Temperature  
-20°C to 60°C (-4°F to 140°F)  
Storage Temperature  
-40°C to 70°C (-40°F to 158°F)  
Relative Humidity: Non-condensing, 95%  
Rain & Dust Proof: IP54  
Drop Specification: 1.2m (4 ft.) on concrete  
Tumble Specification: 500cycle (1,000hit) @ 1m  
(3.3ft) tumble Per IEC 60068-2-32  
Electrostatic Discharge: +/- 15 kV air discharge  
+/- 8 kV contact discharge

### Power

Standard Battery Pack: 3.7V, 2,200mAh  
Extended Battery Pack: 3.7V, 3,300mAh  
IEEE 1725 Compliant, Li-Ion, removable,  
rechargeable

### Operating System

Windows Embedded CE 6.0 Pro

### Micro-Processor

TI - Cortex A8 Processor 1Ghz

### Memory and Storage

Memory: 512MB  
ROM: 512MB Flash ROM  
User-accessible micro-SD cards up to  
32GB SDHC

### Integrated Barcode Scanner

1D Laser Scanner; supporting all 1D  
standard symbology & Postal code  
(Honeywell N4313 Gen2 laser)  
2D Imager Scanner; supporting all  
1D/2D standard Symbology including  
GS1 Databar  
(Honeywell N5603SR Gen6 imager)

### Display

2.8 in, 240 x 320 pixel (QVGA) trans-missive  
TFT-LCD display, 65,536 (16 bit RGB) colors  
LED backlight, Touch Screen

### Standard Communication

Full speed USB 2.0 from either cradle or  
direct sync cable RS232 (115 Kbps) from  
cradle

### Wireless LAN

IEEE 802.11 a/b/g/n Data rates (11 Mbps/72.2 Mbps)  
Antenna: Internal  
Security: WIFI Certified for WPA/WPA2 operation  
Authentication: PEAP, EAP-TLS

### Wireless PAN

Integrated Bluetooth Class II, Version 2.1+EDR  
Operating channels: 0 to 78 (2402-2480 MHz)  
Data Rates: 1, 2, 3 Mbps  
Antenna: Internal

### Keypad Options

Numeric (25 key) with backlit keys

### Standard Communications

Full speed USB 1.1 from either cradle or  
direct sync cable RS232 (115 Kbps)

### Accessories

Standard accessories: AC/DC charger  
with different country plug,  
Stylus pen with tether, Hand strap, Battery,  
LCD protection film  
Optional accessories: Single-slot cradle,  
Single Ethernet cradle, Four-slot cradle,  
4 slot battery charger, Direct USB Sync cable

### Regulatory Approvals and Compliance

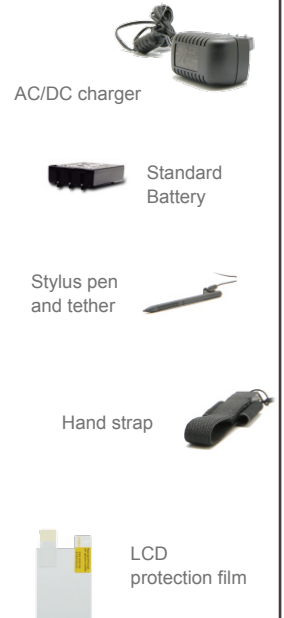
EMC: Class B – FCC/ICES/EN  
Radio: FCC w/HAC, CE2200  
Environmental: EU Directives-WEEE, RoHS,  
Batteries & Accumulators,  
Packaging & Water Packaging

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### Standard accessories



### Optional accessories

