POINT Mobile

PM200

HANDY-SIZED DATA COLLECTOR

Unbeatable powerful processor in the class

PM200 adopts powerful Cortex A8 – 800Mhz microprocessor from Texas Instruments, unbeatable specification among same compact data collector class in the industry. Its memory is 128MB/256MB for RAM/ROM as well as its expansion micro SD card slot can accept SDHC card up to 32GB.
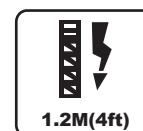
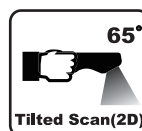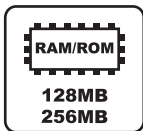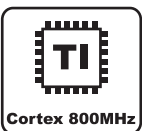### Best affordable data collecting solution

PM200 is designed for "what users need most" at daily data collecting works, with less superfluous features but essential ones, to make users satisfied with affordability in aspect of overall total cost of ownership (TCO), such as Windows Embedded CE 6.0 Core operating system should be fit on most of stock-taking applications because it is proven platform for decades.

Well-balanced features toward industrial-friendly

Wireless features supports Wi-Fi IEEE 802.11 b/g/n and Bluetooth v.2.1 Class with EDR(Enhanced Data Rate) function. PM200 equips with world-class barcode scanners with the choice between 1D laser scanner and 1D/2D area imager. Especially, it provides dramatic comfort on your wrist at any intensive scanning work such as stock-counting and asset management. Also, widely-used QVGA color screen makes most of all applications fit on 2.4 inch TFT-LCD based touch screen with sharp edges of fonts and images.

Compact, still yet rugged at various environments

Compact size that 235g, including standard battery, provides complete single-handed operation in various fields. Despite handy-sized, it is still robust and rugged as 1.5 meter drop on concrete and IP64 water/dust proof as well as 500 tumbling survival at 1meter height.

TI Cortex 800MHz	RAM/ROM 128MB 256MB	WINDOWS CE6.0 CORE	QVGA 240x320	Numeric 28 KEY (F1-F3)	802.11 b/g/n
LASER	IMAGER	BLUETOOTH	65° Tilted Scan(2D)	46° Tilted Scan(1D)	IP64 / 1.2M(4ft)

Technical Specifications

Physical characteristics

Dimension: 157 x 57 x 40.2 mm
(6.18 x 2.24 x 1.58 in) with standard battery
Weight: 235g (8.2oz) with standard battery

Environmental

Operating Temperature
Operating: -20°C to 60°C (-4°F to 140°F)
Storage: -40°C to 70°C (-40°F to 158°F)
Humidity: Non-condensing, 95%
Rain & Dust Proof: IP64
Drop Spec: 1.2m (4 ft.) across the operating
temperature range
Tumble Spec: 500cycle (1,000hit) @ 1m (3.3ft)
ESD: +/- 15 kV air, +/- 8 kV contact

Power

Standard Battery Pack: 3.7V, 2,400mAh
Extended Battery Pack: 3.7V, 3,600mAh
IEEE 1725 Compliant, Li-Ion, rechargeable

Operating System

Microsoft Windows CE6.0 Core

Micro-Processor

TI - Cortex A8 Processor @ 800MHz

Memory and Storage

Memory: 128MB
ROM: 256MB
User-accessible micoro-SD cards up to 32GB SDHC

Display

2.4 in, 240 x 320 pixel (QVGA) TFT-LCD,
LED backlight , Resistive touch

Standard Communication

High speed USB V2.0 and, USB HOST for support
Ethernet via Ethernet cradle(SEC)

Wireless LAN

IEEE 802.11 b/g/n Data rates
Antenna: Internal
Security: WIFI WEP/WPA/WPA2 and more.
Authentication: PEAP/MS-CHAPv2, EAP-TLS, CCX v4

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 (28 key) with backlight keys

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

Accessories

Standard accessories: AC/DC Power Adaptor
with different country plug,
Guitar Pick (Stylus pen), Wrist lanyard, Battery,
LCD protection film
Optional accessories: Single-slot cradle,
Single Ethernet cradle, 4-Slot Cradle,
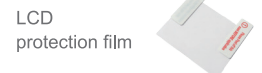4-Slot battery Charger, USB Sync cable

Regulatory Approvals and Compliance

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

Standard accessories

AC/DC Power Adaptor

Standard Battery

Guitar Pick (Stylus pen)

Wrist lanyard

LCD protection film

Optional accessories

USB Sync cable

Single-Slot Cradle

Extended Battery

4-Slot Battery Charger

4-Slot Cradle

Single Ehternet Cradle

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