

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

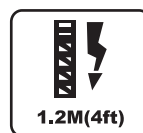
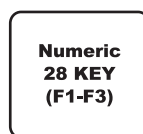
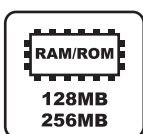
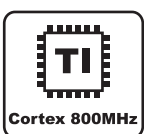
PM200 is designed for “what users need most” at daily data collecting works, with less superfluous features but essential ones, to make users satisfied with affordability in aspect of overall total cost of ownership (TCO), such as Windows Embedded CE 6.0 Core operating system should be fit on most of 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 rain/dust proof as well as 500 tumbling survival at 1meter height.



PM200

PHYSICAL CHARACTERISTICS

Dimensions

With standard batt. 157mm L x 57mm W x 40.2mm D
6.18 in. L x 2.24 in. W x 1.58 in D

Weight

With standard batt. 235g / 8.2oz

Display

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

Power

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

Keypad

Numeric (28 key) with backlit keys

Standard Communications

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

PERFORMANCE CHARACTERISTICS

Main-Processor

TI - Cortex A8 Processor @ 800MHz

Operating System

Microsoft Windows CE6.0 Core

Memory and Storage

RAM 128MB
ROM (NAND Flash) 256MB
Micro-SD Micro-SD card slot supports
up to 32GB SDHC

USER ENVIRONMENT

Operating Temperature -10°C to 50°C / 14°F to 122°F

Storage Temperature -20°C to 70°C / -4°F to 158°F

Humidity 95% Non-condensing

Drop 1.2m(4 ft) over the operating
temperature range

Rain / Dust Proof (Sealing) IP64

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

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

DATA CAPTURE

Integrated Barcode Reader

1D Laser Scanner All 1D standard symbology & Postal code
2D Imager Scanner All 1D/2D standard Symbology
including GS1 Databar

WIRELESS

Wireless LAN

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

Wireless PAN

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

REGULATORY APPROVALS AND COMPLIANCE

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

ACCESSORIES

Standard Accessories



AC/DC Power Adaptor

Standard Battery



Guitar Pick (Stylus Pen)

Wrist Landyard



LCD Protection Film

Optional Accessories



USB Sync Cable

Single-Slot Cradle



Single-Slot Ethernet Cradle

Extended Battery



4-Slot Battery Charger

4-Slot Cradle

