

MacSema PCE 4050



UNIVERSAL PDA

RFID - CMB – BAR CODE

OVERVIEW

Designed for universal data capture, MacSema's PCE 4050 series allows you to choose a PDA with the capabilities needed for your application. Reduce human errors and increase productivity capturing and updating data out in the field, where these transactions actually occur.

Scan Bar Codes, RFID Tags and update Contact Memory Buttons (CMB) any time, anywhere. Options include wireless WLAN for real time data exchange, Bluetooth, GSM and GPS. The PCE4050 can send data to a mobile printer to print labels or receipts, allowing you to replace bar codes on site.

Secure Digital SD and Compact Flash card slots enable greater data storage and offer expanded functionality to meet evolving needs.

This compact, light weight, hand held computer fits comfortably in your hand to identify, collect, update and process data in logistics, inventory, manufacturing, maintenance, field service, warehousing, and route sales applications.

FEATURES

- Microsoft[®] Windows[®] CE.NET 5.0
- CMB -Read /Write all MacSema Contact Memory Buttons*
- Bar Code Scanner (internal) 2D-1D-UID -Data Matrix (optional)
- Wireless 802.11 b/g WLAN (optional)
- Bluetooth (optional)
- RF-ID 13.56MHz HF Internal or External (optional)
- RF-ID 900 MHz UHF Module (optional)
- Large Color Touch Screen
- USB Host & Client
- Pistol Grip with Trigger (optional)
- Vibrating User Feedback
- Speaker & Headset jacks
- GSM (optional)
- GPS (optional)
- Withstands Tough Environments

* ButtonLink plugs into USB port



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UNIVERSAL DATA CAPTURE

Performance Characteristics

CPU: Intel[®] ARM XScale[®] PXA 270 520MHz processor
Operating System: Microsoft[®] Windows[®] CE.NET 5.0
Memory: 128 MB RAM 128MB ROM (Max. 256MB)

Interface/Communications PDA

USB Host and Client

Wireless Options

WLAN

802.11 b/g

Bluetooth

GSM

Data Capture Options

CMB Contact Memory Button

Mega ButtonLink, USB

Mini ButtonLink, USB

Micro ButtonLink, USB

RFID

UHF 900 MHz (External Module)

13.56MHz (Internal or External)

BAR CODE

2D Imager, Internal. 2D, Data Matrix & 1D Bar Codes

Physical Characteristics

Dimensions:

3.0" W x 7.0" H x 0.9"(1.3") D

Weight:

Standard configuration – 0.8 lbs (380g)

Display:

3.5" QVGA with backlight, TFT-LCD, 256K colors

240 W x 320 H (QVGA size)

Touch Panel:

Glass analog resistive touch

Main Battery:

Lithium-ion 3.7V, 4400mAh (rechargeable) Included

Back up Battery:

Li-ion 3.7V, 200mAh (rechargeable) Included

Expansion slots:

1 Secure Digital SD slot with cover

1 Compact Flash I/II slot

Network Connections:

Ethernet (via cradle): USB Host & Client

Antenna:

Internal LAN and Bluetooth

User Feedback:

Vibrator and LED

Keypad Options:

24+1 Alphanumeric key, 2 scanner buttons, power button

Audio:

Speaker, headset jack

Environmental

Operating Temperature:

14°F to 122°F (-10°C to 50°C)

Storage Temperature:

-4°F to 140°F (-20°C to 60°C)

Humidity:

95% non-condensing

Drop Specification:

4 Foot drop to concrete

RoHS:

Applied

Peripherals and Accessories

Pistol Grip:

Trigger Activated Scanning

Charge Cradle:

Single-slot Serial/USB

Communication Cable:

Syn. Cable - 24 pin to USB

Attachment Option:

Snap-on magnetic stripe reader



Scan Bar Codes



Read & update CMBs



UHF RFID Module



Mega ButtonLink for PCE 4050

