



ROCKY

DA5-M

Rugged Military PDA
Product Specifications



- Certified to MIL-STD 810F
- 4" LCD for Easy Readability
- Available Microsoft Windows Mobile 5.0 or WinCE.NET 5.0
- 2 USB Ports (1client, 1host)
- Rugged Magnesium Case
- Internal PCMCIA Slot for Expansion
- Design Allows for Embedding 3rd Party DAQ Cards

ROCKY DA5-M

PRODUCT SPECIFICATIONS



System Unit DA5-M

Operating System Microsoft Windows Mobile 5.0 or WinCE.NET 5.0
CPU Intel Bulverde PXA270 624MHz
Nvidia4800
RAM 128MB SDRAM/128MB Flash
Display 4" (480x640) sunlight readable transfective TFT LCD Touchscreen and stylus
Built-in speaker and microphone
Hand strap for gripping
Magnesium case

External Ports

2 x USB (1 x host standard connector, 1 x mini-client connector)
1 x Serial (DB9 RS-232)
1 x PCMCIA (type II, Compact flash slot available via optional PCMCIA-to-CF adapter)
1 x SDIO
1 x External microphone/earphone jack
1 x DC jack
1 x Docking
1 x USB 2.0

Indicators

GSM/GPRS (Green), Battery Charge (Amber), Bluetooth/WLAN (Blue)

Safety

CE, FCC, MIL-STD 461E Certified

Buttons & Switches

Front:

Standby ON/OFF, Wireless ON/OFF, Navigation 5 directions scrollbutton, 4 user-programmable function keys

Rear:

Software reset (by pen touch).

Battery

External:

Primary battery Lithium-Ion 3.7V 3900 mAH rechargeable smart battery, user swappable

Internal:

Backup battery Lithium-Polymer 100mAH to sustain data while swapping primary battery (battery soldered on MB)

Environmental

Certified to MIL-STD 810F:

Altitude, high/low temperature, humidity, salt fog, vibration, shock, explosive atmospheric test.

IEC IP65: Dust proof; water jets at 2.5 - 3 meters from all sides onto the unit.

Dimensions

90mm (W 3.5") x 150mm (H 5.9") x 33mm (D 1.3")

Weight

450g approximately (.926 lbs.)

AC Adapter

AC 110V/220V 50/60Hz +/-10% input, DC 10V/3.5A output
Built in vehicle adapter 10-32V
Dust/water resistant lock type DC plug

OPTIONAL

Spare battery

3.7V 3900mAH Lithium-Ion rechargeable smart battery (identical to primary battery and directly replaceable) or double capacity 7800mAH battery (double thickness of standard).

Cradle

Ports:
2x USB, 1 x Host, 1 x Mini-client
2 x Serial, LAN port, DC Jack
1 slot for spare battery charge
Built-in vehicle adapter

Dimensions:

140mm (W 5.5") x 170mm (H 6.7")
x 112mm (D 4.4")

Weight: 470g (1lb.)

Internal cards/modules

WLAN 802.11b, g series devices
GSM/GPRS/EDGE (850/900/1800/1900)
Bluetooth 2.0 module
GPS (Global Position System)

External cards/modules

SD memory card
CF memory card (via PCMCIA-to-CF adapter)
Digital camera (via external CF slot adapted from PCMCIA) or SD slot
Smart card reader (PCMCIA interface)



* PLEASE NOTE: Specifications subject to change without notification.

As an ENERGY STAR® Partner, AMREL has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

Approval: FCC: Part 15, Class B Safety: UL, CSA, TUV, CE marking



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