



ROCKY DA5+M Rugged Military PDA Specifications



**MISSION
CRITICAL**

* Please note the PDA images above are shown with an optional GPS /RS-232 Module

Unique "Customizable COTS" Design offers More Standard Interfaces for Greater Device Integration Options and Faster, More Cost Effective Modifications and Customization.

Need more? Think "Outside the Box" - AMREL's Team can Invent, Design, Test, and Manufacture a Computing Platform to Meet your Specific Needs at a Much Lower Cost of Ownership than Other Alternatives.

Internal PCMCIA Slots allow for Integration of Application Specific, 3rd Party DAQ Cards

4" Sunlight Readable Display provides Enhanced Readability in Brightly Lit Environments

Certified To MIL-STD 810F for Durability in the Most Extreme Environmental Conditions on the Planet

Certified to MIL-STD 461E for Electromagnetic Emissions Shielding



ROCKY DA5+M Rugged Military PDA Specifications

SPECIAL FEATURES

Certified to MIL-STD-810F & IP65
 Rain, dust, vibration, & shock resistant design
 Hand strap for gripping
 Wireless capabilities

Certified to MIL-STD 461E for EMI
 Magnesium casing (Military green)
 1 x PCMCIA slot, 3 x USB 2.0, and
 1 x Serial offers greater expansion capabilities

CPU

Marvell PXA270 624MHz

MEMORY

128MB SDRAM; 1 GB Flash ROM

OPERATING SYSTEM Windows CE.Net 5.0 or Mobile 6.0

DISPLAY

4" Transflective TFT LCD Touchscreen (480x640) Sunlight Readable w/ stylus; Nvidia GoForce 4800

AUDIO

Built-in speaker and microphone

INDICATORS

GPRS (Green), Battery charge (Amber), Bluetooth/WLAN (Blue)

POWER SYSTEM

Primary Li-Ion 3.7V 3900mAH rechargeable smart battery (user swappable)
 Backup internal 80mAH Li-polymer battery to sustain data during swap (CE.Net 5.0 only)
 Universal AC adapter 100V~240V 50/60Hz input; 36W max output
 Built-in vehicle adapter 10-32V

PORTS

External

2 x USB (1 x host, 1 x mini-client)
 1 x Serial DB9
 1 x PCMCIA (Type II)
 1 x SD I/O
 1 x External mic/earphone jack
 1 x DC Jack
 1 x Docking

Internal

3 x USB 2.0
 2 x UART
 1 x PCMCIA Slot
 1 x Microphone & speaker

BUTTONS/SWITCHES

Standby ON/OFF
 Navigation 5 direction scroll button
 Software reset (by pen touch)

Wireless ON/OFF
 5 user-programmable function keys

DIMENSIONS

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

WEIGHT

0.926 lbs (450g)

OPTIONAL UPGRADES

- WLAN 802.11b, g series
- GSM/GPRS/EDGE/HSDPA (Mobile 6.0 only)
- Bluetooth 2.0
- GPS

ACCESSORIES

Standard

- 6 ft Vehicle DC cord w/ cigarette lighter plug
- Tethered stylus pen
- USB Data sync cable
- Headset kit
- LCD protector

Optional

- Double capacity 7800mAH Li-Ion spare battery
- Waist pack + Battery pouch
- Cradle

CRADLE SPECIFICATIONS

- 2 x USB (1 x host, 1 x mini-client)
- 1 x LAN port
- 1 slot for spare battery charge
- 2 x Serial (full function RS232)
- 1 x DC Jack

Dimensions: 5.5"W (140mm) x 6.7"H (170mm) x 4.4"D (112mm); Weight: 1lb (470g)

Please note: Specifications are subject to change without notification.



AMREL/AMERICAN RELIANCE INC.
 3445 Fletcher Ave, El Monte, CA 91731
 Website: www.amrel.com

Tel: (800) 882-6735
 E-mail: cdinfo@amrel.com