

# ROCKY Patriot DR7-M

Extraordinary conditions demand  
extraordinary equipment

Patriot...built for mission critical times

AMREL



Light 4.2lbs

**Fast**

Windows XP Platform

**Fully Rugged**

- Certified to MIL-STD 461E for electromagnetic emissions shielding
- Certified to MIL-STD 810F/IP54 for ruggedness

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# ROCKY Patriot DR7-M PRODUCT SPECIFICATIONS

## Special Features

MIL-STD 810F /MIL-STD 461E& IP54 certified  
 Rain, dust, vibration and shock resistant design  
 Military green magnesium alloy casing  
 Sealed port and connector covers  
 Programmable built-in glowing function keys (F1-F6)  
 Wireless capabilities  
 Military connector  
 Standard heater (-20°C operation)  
 Standard internal mini PCI LAN  
 LCD Protector

## CPU

Intel (ULV) Ultra Low-voltage processor with 2MB Level-II cache

## Memory & Storage

512MB DDR RAM standard, expandable to 2GB  
 Removable 2.5" IDE Shock-Mounted HDD with Heater

## Display & Audio

Resistive Touchscreen with Stylus and Heater  
 Integrated 32-bit 3D/2D gfx core with 64MB shared RAM  
 AC97 sound card and stereo speakers

## Power System

Removable Primary 11.1V/4000mAH Lithium-Ion battery  
 Universal AC Adapter 100V-240V 50/60Hz, Auto Sensing with military connector

## I/O Ports

1 x DC Power with military connector  
 1 x LAN  
 1 x USB  
 1 x Serial  
 1 x Docking Connector  
 1 x Battery port for 2nd optional battery

## Expansion Slots

### Standard:

1 x Mini PCI slot & 2 x Type II or 1 x Type III PCMCIA slots  
 2 x Mini PCI slots (Option)

## Unit Dimensions & Weight

250mm (9.8"W) x 190mm (7.4"D) x 42mm (1.65"H)  
 4.2 lbs including primary battery  
 4.7 lbs including 2nd battery

## Integrated Options

GPRS modem  
 Fax modem  
 Mini PCI wireless LAN card (IEEE 802.11b, a, g)  
 GPS  
 Bluetooth



## OPTIONAL

8.4" XGA 1024 x 768 Resistive Touchscreen with Stylus and Heater  
 Alpha-Star® Sunlight Readable LCD  
 12-32Vdc Vehicle adapter  
 External USB 89-Key BackLit KB with track point (IP54 compliant)  
 2nd 6000mAH Lithium-Ion battery (External/hot swappable)  
 Solid State HDD(up to 8GB)

### Docklight Specifications

MIL-STD-810F & IP54 certified  
 Mounts directly to tablet or adjustable stand for ports expansion  
 1 x LAN  
 1 x Modem  
 2 x Audio input/output (microphone, speaker)  
 2 x Serial ports - RS-232 (1x RS-232 & 1x RS-422 or RS-485 - option)  
 4 x USB ports (2 x standard USB connectors & 2 x proprietary environmental sealed connectors)  
**Dimensions:** 250mm (9.8" W) x 38mm (1.5" D) x 35mm (1.3" H)  
**Weight:** 0.9 lbs approximately

### Adjustable Stand Specifications

Docking station (docklight + adjustable stand) for vehicle or office use  
 Security lock and keys  
 Tilt mechanism  
**Dimensions:** 268mm (10.5" W) x 313mm (12.3" D) x 150mm (5.9" H)  
**Weight:** 3.7 lbs



PLEASE NOTE: Specifications are subject to change without notification.  
 As an ENERGY STAR® Partner, AMREL has determined that this product meets the ENERGY STAR® guidelines for energy efficiency. the manufacturing process. Approval: FCC: Part 15, Class B Safety: UL, CSA, TUV, CE marking  
 Active matrix color display conforms to industry standards. Some displays may contain isolated illuminated or dark pixels as an artifact of

