



**ROCKY RK8-M** Rugged Military 15" Display  
Notebook Computer Specifications



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

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

**Patent Pending Integrated Communications and Control Interfaces** for the Elimination of Tethered Devices and Redundant Power Sources

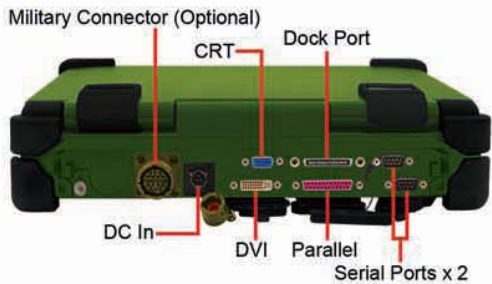
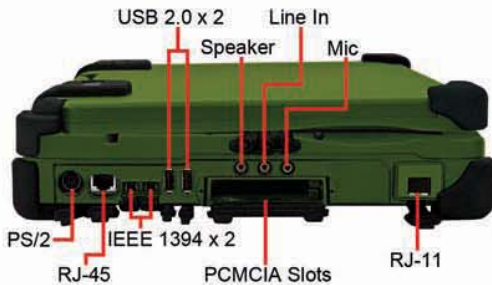
**15" Alpha Star Sunlight Readable Display** is available for Improved Visibility in Outdoor Field Environments

**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 RK8-M Rugged Military Notebook Specifications



## SPECIAL FEATURES

Certified to MIL-STD-810F & IP54  
 Rain, dust, vibration, & shock resistant design  
 Built-in heater for -20°C operating temperature  
 Sealed ports & Connector covers  
 Military connectors

Certified to MIL-STD 461E for EMI  
 Magnesium casing (Military green)  
 1 GB built-in mini PCI LAN card  
 DVI Output standard  
 Wireless capabilities

## CPU

Intel Core 2 Duo with 4MB L2 Cache

## MEMORY

1GB, up to 4GB DDR2 667MHz DRAM

## STORAGE

Removable 2.5" SATA Shock-mounted  
 Standard HDD 160GB (upgradeable)  
 Standard DVD-ROM interchangeable with swappable components

## OPERATING SYSTEM

Windows Vista® Business (2GB memory upgrade recommended for Vista®. XP downgrade option available)

## DISPLAY

15.1" XGA (1024x768) Anti-Reflective Sunlight Readable TFT LCD  
 15.1" SXGA (optional)  
 LED backlight (optional)  
 Integrated 32-bit 3D/2D gfx core with 224MB shared RAM

## AUDIO

Built-in AC97 16-bit sound card and stereo speakers

## KEYBOARD

Standard 87-key, non-backlit

## POWER SYSTEM

Removable 11.1V/7200mAh Lithium-Ion battery  
 Universal AC Adapter 100V~240V 50/60Hz; 90W max output  
 Complies with military power source AC 110~220V 400Hz input  
 Military connector

## EXPANSION SLOTS

1 x PCMCIA Type I/II & 1 x ExpressCard  
 2 x PCMCIA Type II (optional)

**Internal:** 1 x Mini PCI 2 x Mini PCI Express  
 4 x USB 2.0 2 x Serial (COM1, COM2)

## I/O PORTS

1 x KB+PS/2	2 x USB 2.0	1 x DVI
2 x IEEE1394	1 x GB LAN	1 x DC Jack
3 x Audio	1 x Printer	1 x Docking
1 x RGB	2 x Serial DB9	1 x Modem (optional)

## DIMENSIONS

13.34"W (339.6mm) x 11.55"D (293.5mm) x 2.51"H (63.7mm)

## WEIGHT

13.2 lbs (6kg)

## OPTIONAL UPGRADES

- Intel Pro/Wireless 3945 a/b/g mini PCIe card
- 56 Kbps V.90 fax/modem
- Additional COM3 & 4 (Extra internal/external RS232/422 Ports)
- NVIDIA GeForce Graphics Processor - 256MB VRAM
- Bluetooth 2.0
- HSDPA 3.5G
- GPS
- Resistive touchscreen
- Built-in vehicle adapter
- Military connectors

## OPTIONAL ACCESSORIES

- 7200mAh Lithium-Ion secondary battery (Hot swappable w/ DVD)
- 89-key backlit keyboard
- Solid State HDD
- External dual battery charger
- DVD-RW
- Rugged vehicle adapter 12Vdc~32Vdc with military connector
- Docking Station: 2 x Serial, 1 x PS/2, 1 x RGB, 1 x DVI, 2 x USB 2.0, 1 x LAN (optional)

Please note: Specifications are subject to change without notification.



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