



ROCKY RF8-M Rugged Military 17" Display
Notebook Computer Specifications



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

17" WXGA Sunlight Readable Display provides Enhanced Readability in All Environments

Certified to MIL-STD 810F for Durability in the most Extreme Environmental Conditions

Certified to MIL-STD 461E for Electromagnetic Emissions Shielding

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

Need more? Think "Outside 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.

ROCKY RF8-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 (Black)
 1GB 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

17" WXGA (1440x900) Anti-Reflective TFT LCD
 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

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

EXPANSION SLOTS

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

Internal:

1 x Mini PCI 2 x Mini PCI Express
 3 x USB 2.0 2 x Serial (COM1, COM2)

I/O PORTS

1 x KB+PS/2	3 x USB 2.0	1 x DVI	1 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

16.25"W (413mm) x 12.4"D (316.5mm) x 3.03"H (77.2mm)

WEIGHT

12.13 lbs (5.5kg)

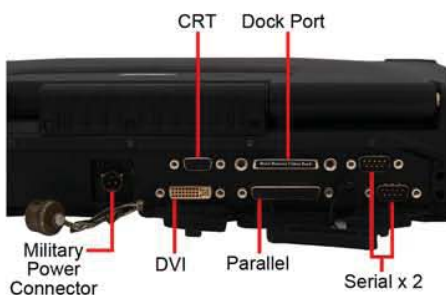
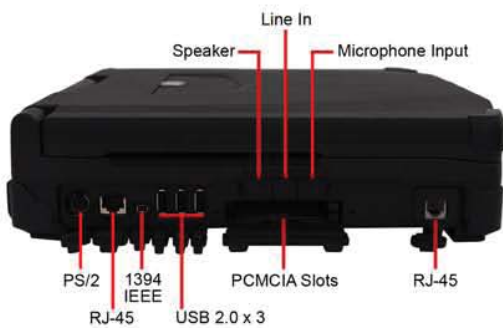
OPTIONAL UPGRADES

- 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
- Built-in vehicle adapter
- Military connectors

OPTIONAL ACCESSORIES

- 7200mAH Lithium-Ion secondary battery (Hot swappable w/ DVD)
- External dual battery charger
- Rugged vehicle adapter 12Vdc~32Vdc with military connector
- 89-key backlit keyboard
- Solid State HDD
- DVD-RW

Please note: Specifications are subject to change without notification.



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