



ROCKY RT 8-M Rugged Industrial 13.3" 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

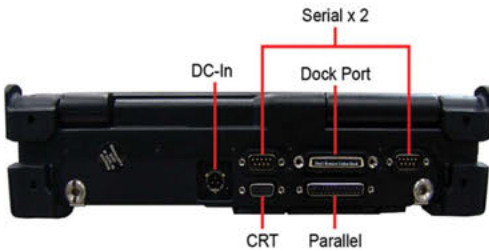
AMREL
AMERICAN RELIANCE, INC

ROCKY RT8-M Rugged Military Notebook Specifications

13.3" XGA Anti-Reflective TFT LCD



Magnesium Case Integrated Speakers



DC-In Dock Port Serial x 2 CRT Parallel



RJ-45 USB 2.0 x 3 PCMCIA Slots PS/2 IEEE 1394 Speaker RJ-11 (Optional) Line In Microphone



Removable HDD Swappable Component Module Bay - DVD-RW - 2nd Li-on Battery



Docking Station Security Lock Power Button

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
1GB built-in mini PCI LAN card
Wireless capabilities

CPU

Intel Core 2 Duo with 4MB L2 Cache

RAM MEMORY

1GB, up to 4GB DDR2 667 MHz RAM

STORAGE

Removable 2.5" SATA Shock-mounted
HDD Standard 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

13.3" XGA (1024x768) Anti-Reflective Sunlight Readable TFT LCD
Integrated 32-bit 3D/2D gfx core with max 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	3 x USB 2.0	1 x DC Jack	1 x RGB
1 x IEEE1394	1 x GB LAN	1 x Docking	3 x Audio
1 x Printer	2 x Serial DB9	1 x Modem (optional)	

DIMENSIONS

12.3"W (312mm) x 9.7"D (246mm) x 2.6"H (66.7mm)

WEIGHT

9.5 lbs (4.3kg)

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 8 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/ CD-ROM)
- External dual battery charger
- Docking Station: 2 x Serial, 1 x PS/2, 1 x RGB, 1 x DVI, 2 x USB 2.0
- 89-key backlit keyboard
- Solid State HDD
- DVD-RW
- Rugged vehicle adapter 12Vdc~32Vdc with military connector

Please note: Specifications are subject to change without notification.