

ROCKY Mobile

ROCKY On-Board/Fixed Vehicle Computer Product Specifications



The ROCKY Mobile Fully Rugged On-Board/Fixed Vehicle Computer offers DVI (Digital Visual Interface) technology for high speed component-to-component connectivity. DVI connectivity also eliminates complicated wiring and enables multiple displays and keyboards to be utilized.

AMREL

ROCKY MOBILE PRODUCT SPECIFICATIONS

SYSTEM UNIT

Compliant to MIL-STD 810F and IP54 ruggedization
Temperature Range -30 to 70 Celsius (operating)

CPU

Intel® Pentium® M features Intel® Speedstep™ Technology
Level-II cache: on-chip 2MB

RAM Memory

512MB DDR RAM standard, expandable to 1GB

Storage

Removable 2.5" IDE HDD standard,
FDD drive interchangeable with swappable components

Audio

16-bit audio controller
Jack for external speakers and microphone

Power System

Rugged external DC12-32V or AC 90V-240V adapter (optional)

I/O Ports

2 Serial DB9	LAN(RJ-45)
Parallel	2 USB 2.0
CRT monitor	2 DVI
PS/2 keyboard	Docking
3 Audio	DC Jack
Fax/Modem(RJ-11)(option)	2 IEEE 1394 (Firewire)

Dimensions & Weight

Dimensions: 312mm(12.3"W) x 246mm(9.7"D) x 56mm(2.3"H)
Weight: approx. 3.2Kg (7lbs)E

Graphics

Integrated 32-bit 3D/2D gfx core with max. 64MB
shared RAM
2 PCMCIA Type II slots or 1 Type III slot,
2 Internal Mini PCI slot

DVI (Digital Visual Interface)

5M (16.4ft) length standard

KEYBOARD

Ruggedized to IP54 for dust & water resistance
89-key compact design emulates full size desktop KB
Backlit USB keyboard with windows keys
(PS/2 interface available upon request)

Built-in trackpoint

Dimensions & Weight

Dimensions: 322mm (12.7") x 172mm (6.8") x 25mm(0.9")
Weight: approx. 1.5Kg (3.3lbs)

DISPLAY UNIT

Ruggedized to IP-54 for dust & water resistance
Temperature Range: -30 to 70 Celsius (operating)
Very high brightness 12.1" XGA (1024x768) Touchscreen LCD
Stereo speakers
Ports: 2 USB, 1 DVI, 1 RGB, DB15, DC Power Jack
Control Buttons: power, backlight, 8 function keys, display
off, on screen buttons and sound.

Dimensions & Weight

Dimensions & Weight DP860 Ux12 VHB:
Dimensions: 300mm (12.7"W) x 257mm (10.5"H) x 62mm (2.4"D)
Weight: approx. 3.6Kg (7.9lbs)



Backlit Keyboard



FDD / CD ROM / DVD / CD-RW/HDD



Standard Mounting Pedestal w/Display



Display Unit



Sealed Ports

OPTIONAL

Device Integration Options

56K modem
LAN card
GPRS modem
Bluetooth
802.11 WLAN series devices
COM 3/4 card (RS232 or RS422)

Swappable components:

FDD
CD-ROM
DVD/CD-RW and other combo
drives available (ask for details)
CD-ROM/FDD Combo (factory installed)
Secondary Battery (6000mAh Lithium Ion)

Accessories

Vertical docking station (2S, 1P, 2USB, PS/2)
Power Stop Power Management System
Internal Back-up Battery for System Unit
(provides fail safe power protection)



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



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