



ROCKY MK8-1

Fixed On-Board 3-Piece Rugged Computer
Product Specifications

- ◆ Maximize efficiency with multiple access points
- ◆ Access multiple displays from one system
- ◆ Less wiring required for quick and easy installation



AMREL / American Reliance

ROCKY MK8-I

Product Specifications

SYSTEM FEATURES

Compliant to MIL-STD-810F, IP54, CE, FCC & 461E (optional)
Rain, dust, vibration & shock resistant, fully sealed external ports, fully rugged casing (black) & 1GB built-in PCI LAN card

OPERATING SYSTEM

Microsoft Windows XP Professional

CPU

Intel Core 2 Duo Processor with 4MB L2 Cache @ 1.66 GHz

MEMORY

1 GB DDR2 667 MHz DRAM (up to 4 GB)

STORAGE

Standard 160GB HDD
Removable 2.5" SATA (Shock Mounted)
Removable CD-ROM drive

BUILT-IN AUDIO

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

I/O PORTS (Left Side & Rear)

PS/2 x 1	USB 2.0 x 3
IEEE 1394 x 2	Gigabit LAN x 1
Audio x 3	Serial DB9 x 2
Docking Port x 1	DC input x 1
RGB x 1	DVI x 2
PCMCIA type I/II x 1	PCMCIA Express Card x 1
Modem x 1 (optional)	Military connector x 2 (optional)
PCMCIA Type II x 2 (optional)	

GRAPHICS

Integrated 32-bit 3D/2D gfx core with 224MB shared RAM

DVI (DIGITAL VIDEO INTERFACE)

5-Meter (16.4 ft.) cable (standard)

KEYBOARD

89-key compact design rugged backlit keyboard
IP-54 compliant

DISPLAY UNIT

12.1" XGA (1024 x 768) anti-reflective touchscreen LCD
Sunlight readable
Ports: USB 2.0 x 2, DC-input
Control buttons: power, backlight, function keys x 8, display off

SYSTEM DIMENSIONS & WEIGHT

System Dimensions: 351.6 mm (w) x 294.2 mm (d) x 64 mm (h)
With rubber bumpers: 351.6 mm (w) x 294.2 mm (d) x 78.7 mm (h)
System weight: 6 kg (13.2 lbs.)
Display Unit Dimensions: 300mm (w) x 257 mm (h) x 62mm x (d)
Display Unit Weight: 3.6 kg (7.9 lbs.)

SYSTEM POWER

Rugged 2-Meter vehicle adapter, 10Vdc ~ 30Vdc x 2 pieces
Universal AC adapter, 90V ~ 240V, 50/60 Hz input (optional)
Removable 11.1V / 7200 mAH primary lithium ion battery (optional)



Rear Ports



Keyboard



Side Ports



Display Unit



DP Stand

SYSTEM OPTIONS

Optional Upgrades

250GB or 320GB SATA HDD
2GB or 3GB of DDR2 RAM
Extra internal (RS-232) / (RS-422)
Extra external (RS-232) / (RS-422)
Internal 56K modem

Optional Accessories

External dual battery charger
USB power-stop management system
Rugged TG3 backlit keyboard (82 key)
Multimedia cable

Swappable Components

Removable 160GB SATA HDD
Removable DVD-RW drive
Removable DVD/CD-RW drive
Secondary battery (7200 mAH li-ion)
2-Meter vehicle adapter cord



PLEASE NOTE: All specifications are subject to change without notice. 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 manufacturing process.
Approval: EMI/RFI; FCC; Part 15, Class B; Safety: UL, CSA, TUV, CE marking



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