



# ROCKY MK8-I

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

Windows Vista Business (2 GB RAM Upgrade Recommended for Vista. Windows XP downgrade available)

### 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)

KB + PS/2 x 1	USB 2.0 x 2
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	PCIe 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



Unit 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  
2-Meter vehicle adapter cord

#### Swappable Components

Removable 160GB SATA HDD  
Removable DVD-RW drive  
Removable DVD/CD-RW drive  
Secondary battery (7200 mAH li-ion)



**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



**AMREL / American Reliance**  
3445 Fletcher Ave., El Monte, CA 91731  
Phone: (800) 882-6735  
Email: [cdinfo@amrel.com](mailto:cdinfo@amrel.com)  
Website: [www.amrel.com](http://www.amrel.com)