

ROCKY RF10

fully rugged laptop



AMREL[®]
Pioneering Customized Rugged Solutions



Big power, big picture, big jobs.

The only rugged laptop with a 17.1" display on the market just got better. RF10's one-of-a-kind 17.1" display is perfect for today's video and other big picture applications. With improved memory, graphics, and processor, the RF10 will get the detail you need in the time that you have.

Toughness you can trust.

Independently certified for MIL-STD 810, IP-65, and MIL-STD 461(EMI/EMC).

Experience you can rely on.

Used in the harshest field conditions for over 20 years, AMREL's computing platforms are built with decades of expertise.

Long End of Life.

Designed for easy upgrades and configuration stability.

One computer does the job of many.

AMREL's proprietary Flexbay™ technology lets you combine numerous single-purpose devices into one multi-functional computing solution. Learn how by watching the video on www.flexpedient.com!

Easily customizable & very configurable.

Modular, open platform design and a remarkably large number of configurable I/O ports ensure flexible connectivity and easy customization. AMREL extends the manufacturer's warranty to all modifications it performs.

The ROCKY RF10 Laptop is perfect for applications that require large data displays, such as:

- Video
- Mapping
- GIS
- Situational Awareness
- Public Safety
- Oil & Gas
- Construction
- Field work
- Many other applications

RF10 Technical Specifications

Item	Standard	Upgrades
Environmental Rating Operating System	MIL-STD 810G & IP-65 Windows® 7/ 8.1 Professional	MIL-STD 461F (Military Package only)
CPU	Intel® Sandy Bridge i7-2610UE Processor (4M Cache, up to 2.40 GHz)	
Memory	4GB DDR3 1333MHz	Max: 16GB DDR3 1333MHz
Graphics Display	Intel® HD Graphics 3000 17.1" WXGA (1440 x 900) LCD with LED B/L, Sunlight readable	17.1" WSXGA+ (1680X1050) TFT LCD 17.1" WUXGA+ (1920X1200)TFT LCD Optional Removable 2.5" SATA II SSD
Storage Audio	Removable 2.5" 500GB (5400 rpm) SATA II HDD HD Audio and Stereo Speakers	
Keyboard/Touchpad	Standard 87-key (membrane type) Touchpad (resistive type)	89-key backlit (rubber type) keyboard
Flexible Expansion Bay	Removable SATA II DVD / - RW	Swappable 2nd battery or 2nd HDD/SSHD or Flexpedient® module
Buttons (Top)	Power Switch Touchpad	
I/O Interface	Left: PS/2 x 1 (KB + Mouse) USB 3.0 x 2 USB 2.0 x 1 (USB Fast Charger) IEEE1394a x 1 GLAN RJ45 x1 Audio Jack x 3 (Line-In/Microphone/Headphone) Express Card Slot (PCI Express) x 1 Rear: Serial DB9 x 2 (Default: COM1, COM2) DC Jack x1 VGA Port x 1 DVI Port x 1 * Printer port x 1	Optional: Serial Port DB9 x 2 Optional: Military DC Jack
Power	Main Battery: 11.1 V/8700 mAh Lithium-Ion battery AC Adapter: 90W AC 100V~240V 50/60Hz	Optional: 2nd Battery (Trade-off with ODD): 11.1 V/8700mAh Lithium-Ion battery
Color / Case	Black or NATO Green Magnesium Alloy	
Overall Dimensions	16.14 in x 12.43 in x 2.79 in 410 mm (L) x 315.8 mm (W) x 70.8 mm (H)	
Weight	12.99 lbs (5.89 kg)	

Integrated Options	Optional
Wireless LAN/PAN	Intel Centrino Advanced-N 6235 (802.11 a/b/g/n, Bluetooth 2.1, 2.1+EDR, 3.0, 3.0+HS, 4.0 (BLE)
Wireless WAN	Gobi 3000
GPS	Ublox LEA-6H
Security	TPM v1.2 module
Built-In Vehicle Adapter	DC-in 12V-32V (with surge protector)
Night Vision *	Available

Accessories	Optional
2nd Battery	11.1 V/ 8700 mAh Lithium-Ion rechargeable
Dual Battery Charger	Available
2nd SATA HDD	Any 2.5" SATA HDD capacity, max 12.7 mm height*
COM 3 / 4	DB9 x 2 ports on left or via Military
Additional Serial Ports	Serial Connector
External In Vehicle Adapter	MIL-STD 1275 DC-in 12V-32V

Standard Environmental Ratings	
MIL-STD 810G Certified	
Shock	516.6, Procedure I
Vibration	A. 514.6, Procedure I, Category 20 B. 514.6, Procedure I, Category 14 C. 514.6, Procedure I, Category 4
Rain	506.5, Procedure II
Humidity	507.5 Procedure II (aggravated)
Salt Fog	509.5
Altitude	Method 500.5, Procedure I and II Operating: 15,000 ft (4,572 m) Storage: 40,000 ft (12,192 m)
High/Low Temperature	Method 501.5, Procedure I and II Method 502.5, Procedure I and II Operating: -4°F to 131°F / -20°C to 55°C Storage: -40°F to 158°F / -40°C to 70°C
Temperature Shock	Method 503.5, Procedure I-A Operating: -4°F to 140°F / -20°C to 60°C
IEC IP-65 Certified	Dust-tight; water jets

* Contact us for more information
** Specifications subject to change without notice

