ROCKY
RS11

NEW!

fully rugged laptop

AMREL®

Pioneering Customized Rugged Solutions

Windows® 8.1

Lightest, thinnest, rugged laptop in the world

AMREL leveraged its 20 years of experience to produce a fully rugged laptop that's just an inch thick and so light that you can hold it in one hand. You no longer have to choose between genuine toughness and a convenient, portable form factor.

Rugged

When you're in the field, you can have confidence in the ROCKY RS11. Certified to MIL-STD 810 and with standard Solid State Hard Drive, the ROCKY RS11 can survive the harshest environments.

Powerful

High-performance doesn't just live in the office. Wherever you are, whatever you're doing, the ROCKY RS11's powerful i7 processor can handle the demands of the most resource-demanding applications.

Applications

Perfect for applications that require rigorous field work, heavy data input, and a large display, the ROCKY RS11can be used for:

• Onsite Data Collection & Management
• Front-Line Mapping & Situational Awareness
• Oil & Gas, Mining, & Construction
• Field Research & Surveying
• Combat Control Solutions

Item	Standard		Upgrades
Environmental Rating	MIL-STD 810G, MIL-STD 461F & IP-65 Certified		
Operating System	Windows® 7or 8		
CPU	Intel® Core™ i71.7 GHz Processor (Turbo Boost: Up to 2.8 GHz), 4MB Intel® Smart Cache		
Memory	4GB DDR3 1600 MHz		**Max:** 8GB DDR3 1600 MHz
Graphics	Intel® HD Graphics 4000		
Display	13.3" HD+ (1600 x900) LCD with LED B/L (IPS), Sunlight Readable		Night Vision upgrade available
Storage	Removable 2.5" SATA II / III SSD		SLC or MLC SSD HDD
Audio	HD Audio and Stereo Speakers, Embedded Digital Mic		
Keyboard	87-key with Backlight (Membrane Type)		
Touchpad	Capacitive Touchpad with Multi-touch (Win 8 compatible)		
I/O Interface	**Left:** SD Card Slot x 1, SIM Card Slot x 1, USB 3.0 x 1, USB 3.0 x 1 with fast charger, GLAN RJ45		
	Rear: DC-in Connector x 1		Sealed Fisher Connectors 1~5 (USB 2.0, VGA, RS232/RS422, GLAN, Audio)
	Bottom: Multi Bay port x 1 (PCI-e x 1, USB 3.0 x 1, USB 2.0 x 1, Power - VBATA/1A & 5V/1A (reserved for future use)		
Power	**Main Battery:** Removable Battery Pack: Li-ion Polymer 11.1V/6040mAh battery		
	AC Adapter: 90W AC 100V~240V 50/60Hz		
	DC In: 12V~32V (Industry 2 pin)		Military 3pin twisted lock upgrade on DC/IN and AC Surge Protector
Color	Black		
Overall Dimensions	13.3 in x 10.4 in x 1.1 in 338mm(L) x 265mm (W) x 28mm (H) (with bumper guards)		
Weight	5.5 lbs (2.5 Kg) (with battery)		

Integrated Options	Optional
Wireless LAN	Intel® Centrino Advanced-N 6235 (802.11 a/b/g/n)
Wireless WAN	Gobi 3000 HSDPA (AirPrime MC8305)
Wireless PAN	Bluetooth®
GPS	Ublox LEA-6H
Security	TPM v1.2 module

Accessories	Optional
Power	AC Adapter: 90W AC 100V~240V 50/60Hz

Standard Environmental Ratings

MIL-STD 810G Certified

Shock	516.6, Procedure I
Vibration	A. 514.6, Procedure 1, Category 20
	B. 514.6, Procedure I, Category 14
	C. 514.6, Procedure I, Category 1
Rain	506.5, Procedure II
Humidity	507.5
Salt Fog	509.5
Altitude	Method 500.5, Procedure I, II
	Operating: 15,000 ft (4,572 m)
	Storage: 40,000 ft (12,180 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
	(**Optional Upgrade:** Operating: -22°F to 131°F / -30°C to 55°C)
Temperature Shock	Method 503.5, Procedure I-A
	Operating: -4°F to 140°F/-20°C to 60°C

MIL-STD 461F Certified EMI/EMC

IEC IP-65 Certified Dust-protected; water jet

[1] Computer is Linux compatible
* Contact us for more information
* * Specifications subject to change without notice

ENG-RS11-SPEC