

ROCKY RS11

fully rugged laptop



AMREL[®]
Pioneering Customized Rugged Solutions



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 RS11 can be used for:

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



RS11 Technical Specifications

Item	Standard	Upgrades
Environmental Rating	MIL-STD 810G & IP-65 Certified	MIL-STD 461F (Military Package only)
Operating System	Windows® 7 or 8	
CPU	Intel® Core™ i7 1.7 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 x 900) LCD with LED B/L (IPS), Sunlight Readable	
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 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)	Sealed Fisher Connectors 1~5 (USB 2.0, VGA, RS232/RS422, GLAN, Audio)
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 or NATO Green	
Overall Dimensions	13.3 in x 10.4 in x 1.1 in	
Weight	338mm(L) x 265mm (W) x 28mm (H) (with bumper guards) 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

IEC IP-65 Certified Dust-protected; water jet

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



DuraTech USA Inc.

A Certified 8(a), SDB, DBE, SBE, MBE, WBE firm.

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