

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® 7/8.1/10 | |
| 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 |
| Storage | Removable 2.5" 120GB SATA II/III Solid State Hard Drive | 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: 19V | Military 3pin twisted lock |
| Color | Black or NATO Green | |
| 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 | 6.26 lbs (2.84 Kg) (with battery) | |

| Integrated Options | Optional |
|--------------------|--|
| Wireless LAN/PAN | Intel® Centrino Advanced-N 6235 (802.11 a/b/g/n) /Bluetooth® |
| Wireless WAN | Gobi 3000 HSDPA (AirPrime MC8305) |
| GPS | Ublox LEA-6H |
| Security | TPM v1.2 module |
| Vehicle Adapter | DC-in 12V-32V (with or without surge protector) |

| Standard Environmental Ratings | |
|--------------------------------|---|
| MIL-STD 810G Certified | |
| Shock | 516.6, Procedure I A. 514.6, Procedure 1, Category 20 B. 514.6, Procedure I, Category 14 C. 514.6, Procedure I, Category 4 |
| Vibration | 506.5, Procedure II 507.5 509.5 Method 500.5, Procedure I, II Operating: 15,000 ft (4,572 m) Storage: 40,000 ft (12,180 m) |
| Rain | Method 501.5, Procedure I and II |
| Humidity | Method 502.5, Procedure I and II |
| Salt Fog | Operating: -4°F to 131°F / -20°C to 55°C |
| Altitude | Storage: -40°F to 158°F / -40°C to 70°C (Optional Upgrade: Operating: -22°F to 131°F / -30°C to 55°C) |
| High/Low Temperature | Method 503.5, Procedure I-A Operating: -4°F to 140°F/-20°C to 60°C |
| Temperature Shock | |
| IEC IP-65 Certified | Dust-protected; water jet |

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

