# ROCKY RK10
## fully rugged laptop

**NEW!**

# AMREL®
*Pioneering Customized Rugged Solutions*

Windows® 8.1

### Fast and popular
You don't have to be fast to be popular, but it sure helps. The ROCKY RK10, the newest upgrade of our most popular laptop, has speeded up its operation with:

- Powerful i7 processor
- Expanded memory
- Improved storage
- Better graphics card
- USB 3.0 ports

### Meets strictest ruggedness standards
Independently certified for MIL-STD 810 and IP65.

### Decades of dependable durability
Having proved its reliability for years in the harshest environments, the ROCKY RK10 is the perfect laptop for warfighters, fire fighters, police, EMS, and other must-perform applications.

### Extended End of Life
The ROCKY RK10 Laptop is designed for easy upgrades and configuration stability.

### One computer does the job of many
AMREL's proprietary Flexpedient® technology lets you combine numerous single-purpose devices into one multi-functional computing solution. Learn how by watching the video on ***www.flexpedient.com***

### Modular design, 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.

### Currently deployed customizations include:
- Portable Sensor Control
- Search & Rescue
- Unmanned Systems Operator Control Units
*(PackBot, IbisTek, Cobham / DTC, SeaBotix)*
- Portable Radio System
- Flight Line
- Portable Radio System
- Many other applications

| Item | Standard | Upgrades |
|---|---|---|
| **Environmental Rating** | MIL-STD 810G & IP-65 | MIL-STD 461F (Military Package only) |
| **Operating System** | Windows® 7 Professional<br>Windows® 8.1 Professional | |
| **CPU** | Intel® Sandy Bridge i7-2610UE 1.5GHz<br>Processor (up to 2.40 GHz), 4M Cache | |
| **Memory** | 4GB DDR3 1333MHz | Max: 16GB DDR3 1333MHz |
| **Graphics** | Intel® HD Graphics 3000 | |
| **Display** | 15" XGA (1024x768) LED Backlit LCD | 15" SXGA (1400x1050) LED backlit LCD Night Vision<br>Single Touch Screen / Sunlight Readable |
| **Storage** | Removable 2.5" 500GB (7200 rpm) SATA II HDD | Any 2.5" SATA HDD capacity, max 9.5 mm<br>height* 2.5" SATA II SSD |
| **Audio** | Integrated speakers<br>Intel HD audio | |
| **Keyboard/Touchpad** | Standard 87-key (membrane type)<br>PS/2 Resistive Touchpad | 89-key backlit (rubber type) keyboard |
| **Flexible Expansion Bay** | Removable SATA II ODD | Swappable 2nd battery or 2nd HDD/SSHD or<br>Flexpedient® module |
| **Buttons (Top)** | Power Switch<br>Touchpad | |
| **I/O Interface** | **Left:**<br>PS/2 x 1 (KB + Mouse)<br>USB 3.0 x 2<br>USB 2.0 x 1 (USB Battery Charging)<br>IEEE1394a x 1<br>Gigabit LAN (RJ-45) x 1<br>Audio Jack x 3<br>(Line-In/Microphone/Headphone)<br>Express Card Slot (PCI Express) x 1<br>**Rear:**<br>Serial DB9 x 2 (Default: COM1, COM2)<br>DC Jack x1<br>VGA x 1<br>DVI Port x 1<br>Docking Connector x 1 (Re-design) **<br>Printer port x 1 | Optional: Serial Port DB9 x 2<br><br><br><br><br><br><br><br><br>Optional: Military DC Jack |
| **Power** | **Main Battery:**<br>11.1 V/8700 mAh Lithium-Ion battery<br>**AC Adapter:**<br>90W AC 100V~240V 50/60Hz | Optional: 2nd Battery 11.1 V/8700mAh Lithium-Ion battery |
| **Color / Case** | Black or NATO Green<br>Magnesium/Aluminum | |
| **Overall Dimensions** | 13.37 in x 11.56 in x 2.51 in<br>339.6mm (L) x 293.5mm (W) x 63.7 mm (H) | |
| **Weight** | 12.13 lbs (5.5 kg) | |

| Integrated Options | Optional |
|---|---|
| **Wireless LAN** | Intel Centrino Advanced-N 6235 (802.11 a/b/g/n) |
| **Wireless WAN** | Gobi 3000 |
| **Wireless PAN** | Supports Bluetooth 2.1, 2.1+EDR, 3.0, 3.0+HS, 4.0 (BLE) |
| **GPS** | Ublox LEA-6H |
| **Security** | TPM v1.2 module |

| Accessories | Optional |
|---|---|
| **2nd Battery** | 11.1 V/ 8700 mAh Lithium-Ion rechargeable |
| **2nd SATA HDD** | Any 2.5" SATA HDD capacity, max 12.7 mm height* |
| **2nd SATA SSHD** | Available |
| **Dual Battery Charger** | Available |
| **Docking Station** | Serial Port (DB9) x 2, USB 2.0 x 1, **(Upgrade - Fan)**<br>USB 3.0 x 1, DVI x 1, PS/2 x 1<br>(KB + mouse), VGA x 1, M-LAN x 1,<br>Gigabit LAN x 1, Antenna hole,<br>PCI slot x 2 or PCI x 1 and PCIe x 1 |

| Standard Environmental Ratings | |
|---|---|
| **MIL-STD 810G Certified** | |
| **Shock** | 516.6, Procedure I |
| **Vibration** | A. 514.6, Procedure I, Category 20<br>B. 514.6, Procedure I, Category 14<br>C. 514.6, Procedure I, Category 1 |
| **Rain** | 506.5, Procedure II |
| **Humidity** | 507.5 (aggravated) |
| **Salt Fog** | 509.5 |
| **Sand and Dust** | 510.5 Procedure I |
| **Altitude** | Method 500.5, Procedure I<br>Operating: 15,000 ft (4,572 m)<br>Storage: 40,000 ft (12,192 m) |
| **High/Low Temperature** | Method 501.5, Procedure I and II<br>Method 502.5, Procedure I and II<br>Operating: -4°F to 131°F / -20°C to 55°C<br>Storage: -40°F to 158°F / -40°C to 70°C |
| **Temperature Shock** | Method 503.5, Procedure I-A<br>Operating: -4°F to 140°F / -20°C to 60°C |
| **Explosive Atmosphere** | Method 511.05 |
| **Solar Radiation** | Method 505.5 |
| **IEC IP-65** | Dust-tight; water jets |

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