

ROCKY DR10

fully rugged tablet

AMREL[®]
Pioneering Customized Rugged Solutions



Tough and flexible.

The ROCKY DR10 gives you choices, not problems. While the display is bright enough for the sunniest day, the Night Vision option lets you easily work in the dark. Multiple connectivity alternatives and open-platform design make integration a snap. Since it's an AMREL product, it is fully rugged, field tested, and completely reliable, even in the most challenging circumstances.

Built small and fully rugged.

Weighs about 4 pounds and is independently certified for MIL-STD 810 and IP-65. MIL-STD 461(EMI/EMC) available for military package only.

Multiple connectivity options.

RS-232, USB, military connector, and optional adjustable stand for port expansion.

Magnesium casing.

Light and strong.

Numerous wireless capabilities.

Wireless LAN, a/b/g, WAN, Bluetooth[®], GPS.

Battlefield tough.

Proven in the harsh combat conditions for over 20 years.

Customization guaranteed.

AMREL extends the manufacturer's warranty to all modifications it makes.

Applications & Uses:

- Operator Control Unit
- Communication Management
- Avionics Testing
- Data Acquisition & Control

DR10 Technical Specifications

Item	Standard	Upgrades
Environmental Rating	MIL-STD 810G & IP-65	MIL-STD 461F (M-only)
Operating System¹	Windows® 7/8.1 Professional	
CPU	Intel® Sandy Bridge i7-2610UE Processor (4M Cache, up to 2.40 GHz)	
Memory	4GB DDR3 1333MHz	Max: 8GB DDR3 1333MHz
Graphics	Intel® HD Graphics 3000	
Display	<ul style="list-style-type: none"> 8.4" XGA (1024 x 768) with LED Backlit Sunlight readable, USB interface 	
Storage	<ul style="list-style-type: none"> Removable 2.5" SATA II HDD (Optional Removable 2.5" SATA II SSD) 	
Audio	Realtek ALC262 HD audio and stereo speakers	
Touch screen	Single Touch Resistive Panel	
Buttons (front)	F1 to F4 Function Keys, Delete Key, Fn*, Enter Key, LCD Brightness Left Arrow / Right Arrow, Power	
I/O Interface	<p>LEFT: Gigabit LAN RJ45 x 1, USB 2.0 x 2 Multi bay: Express Card/54 Slot x 1 (top) & SIM Card Slot x 1 SD Card Slot x 1 (bottom)</p> <p>RIGHT: DC Power Jack x 1: (2-pin & optional MIL 3-pin) Serial port DB9 x 1</p> <p>REAR: Second battery connector</p> <p>BOTTOM: Docking port x 1</p>	Second battery
Power	<p>Main Battery: 10.8V/5800mAh Lithium-Ion</p> <p>AC Adapter: 90W AC 100V~240V 50/60Hz</p> <p>DC In: 12V~32V with surge protector (I: 2 pin or M:3pin)</p>	Optional second battery: 11.1V/7200mAh Lithium-Ion
Color	Black/Gray, or NATO Green (on Military models)	
Overall Dimensions	9.8 in x 7.4 in x 1.8 in (250 mm x 190 mm x 45.2 mm)	
Weight	4.2 lbs (1.9kg)	

Integrated Options	Optional
Wireless LAN	Intel Centrino Advanced-N 6235 (802.11 a/b/g/n)
Wireless WAN	Gobi 3000
Wireless PAN	Bluetooth 2.1, 2.1+EDR, 3.0, 3.0+HS, 4.0 (BLE)
GPS	Ublox LEA-6H
Modem	1 Gbps (Realtek) - Mini PCIe GLAN Card

Accessories	Optional
2nd Battery	11.1V, 7200mAh Lithium-Ion
Multi-battery Charger	Charges two primary & two secondary batteries
Docklight	Gigabit LAN RJ45 x 1, USB 2.0 x 2 (Standard, USB Jack x 2; Sealed USB x 2), Serial Port DB9 x 2 (COM2/COM3: Default RS232) Mounts directly to tablet
Stand	For vehicle or office, tilt mechanism, security lock (DR10 w/o rubber jacket can be mounted on Stand Unit)
External Keyboard	89-key backlit keyboard

Environmental Ratings	
MIL-STD 810F Certified	
Shock	516.6, Procedure I
Vibration	A. 514.6, Procedure I, Category 4 B. 514.6, Procedure I, Category 14 C. 514.6, Procedure I, Category 20
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 501.4, Procedure I and II Method 502.4, Procedure I and II Operating: 32°F to 104°F / 0°C to 40°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-protected; water jet

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

