



FULLY RUGGED TABLET

8.4-inch Display

When you need a solution, not just a tablet.

The ROCKY DR8 is more than a tablet. With more standard interfaces for greater device integration options, it's a platform for your total rugged solution. Let AMREL's customization experts design, test, and manufacture the exact system to match your specs.

Built small and fully rugged. Weighs about 4 pounds and is independently certified for MIL-STD 810, IP-55, and MIL-STD 461(EMI/EMC).

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

Magnesium casing. Light and strong.

Numerous wireless capabilities. GPS, HSDPA 3.5G, and Bluetooth®.

Battlefield tough. Proven in harsh combat and industrial conditions for over 20 years.

Customization guaranteed. AMREL extends the manufacturer's warranty to all modifications it makes. Currently deployed customizations include:

- Field Satellite Reception System*
- Magnetic Swipe Card POS Systems*
- Maritime communications*
- Port container control*
- Many other applications*

DR886 Technical Specifications

Item	Standard	Upgrades
Environmental Rating	MIL-STD 810F, IP-55	
Military Package (Option)	NATO Green, MIL-STD 461E Metal TwistLock Amphenol (621N Series) power connector Operating temp: -4°F to 122°F / -20°C to 50°C	Ground Army available (EMI)
Operating System	Genuine Microsoft Windows® 7 Professional 32-bit	
CPU	Intel® Core 2 Duo™ ULV 1.06 GHz Processor 533/667MHz FSB, 2MB L2 Cache	
Memory	2GB DDR2 667MHz	4GB DDR2 667MHz
Graphics	Integrated 32-bit 3D/2D gfx core with 224MB shared RAM	
Display	<ul style="list-style-type: none"> 8.4" XGA (1024 x 768) TFT LCD Sunlight readable, anti-reflective treatment 	<ul style="list-style-type: none"> 8.4" XGA (1024 x 768) LED Backlit
Storage	<ul style="list-style-type: none"> 500GB (5400 RPM) Removable HDD 2.5" high shock-resistant SATA HDD Max 9.5 mm height 	<ul style="list-style-type: none"> Any 2.5" SATA HDD, Max. 9.5 mm height* Solid State Hard Drive (SSHD)*
Audio	AC97 sound and stereo speakers	
Touch screen	Resistive, polarized filters for anti-reflection	
Buttons (front)	Power, LCD Brightness Up/Down, Sleep, F1 to F6 Function Keys, Fn*	
I/O Interface	<p>LEFT: Express card x 1, Gigabit LAN x 1, USB 2.0 x 1</p> <p>RIGHT: DC Power Jack x 1, Serial port x 1</p> <p>REAR: Second battery connector</p> <p>BOTTOM: Docking port x 1</p>	<p>PC Card Type II x 1 & Express card x 1</p> <p>DC Power Jack x 1 (Military type)</p> <p>Second battery</p>
Power	<p>Main Battery: 11.1V, 4800mAh Lithium-Ion</p> <p>AC Adapter:</p> <ul style="list-style-type: none"> AC Input: 100V~240V/50-60Hz DC Output: 90W max Complies with military power source AC Input: 110~240V/400Hz Direct DC: 12~32V input 	Optional MIL-1275 DC Vehicle adapter*
Color	Black	
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 Wifi 3945 a/b/g
Wireless WAN	Cinterion HC25, HSDPA
Wireless PAN	Bluetooth® v2.0+EDR
GPS	Ublox LEA-6H
Modem	MDC card or Mini PCI

Accessories	Optional
2nd Battery	11.1V, 7200mAh Lithium-Ion
Multi-battery Charger	Charges two primary & two secondary batteries
Docklight	Mounts directly to tablet or adjustable stand LAN x 1, USB 2.0 x 2, USB 2.0 (sealed) x 2, Serial port (RS-232) x 1, Serial port (RS-232 or 422) x 1, VGA x 1, Headphone/line-in, Modem x 1
Stand	For vehicle or office, tilt mechanism, security lock
External Keyboard	89-key backlit keyboard

Environmental Ratings	
MIL-STD 810F Certified	
Shock	516.5, Procedure I
Vibration	A. 514.3, Category 1 B. 514.5, Procedure I, Category 14 C. 514.5, Procedure I, Category 20
Rain	506.4, Procedure II
Humidity	507.4, Procedure I
Salt Fog	509.4, Procedure I
Altitude	Method 500.4, 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: -4°F to 122°F / 0°C to 40°C Storage: -40°F to 158°F / -40°C to 70°C
Temperature Shock	Method 503.4, Procedure I Operating: -4°F to 140°F/-20°C to 60°C
Explosive Atmosphere	Method 511.4, Procedure I
Solar Radiation	Method 505.4, Procedure I-A1
MIL-STD 461E Certified	EMI/EMC (Military Package only)
IEC IP-55	Dust-protected; water jet

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

