



FULLY RUGGED TABLET

12.1-inch Display

ROCKY DK8 tablet anywhere, anytime. In the battlefield, office, or plant, get the convenience of a tablet with the durability required for harsh environments.

Big screen with a compact form factor. The ROCKY DK8 is ideal for on-the-move operations and limited-space applications.

The connectivity you require. RS-232 and USB ports, as well as optional adjustable stand for port expansion.

The ruggedness you need. Independently certified for MIL-STD 810, MIL-STD 461, and IP-65, the ROCKY DK8 improves your ROI by decreasing costs associated with broken computers, data loss, and lost work time.

The specs you must have. Don't compromise. AMREL can customize the ROCKY DK8 to your exact needs and extends the manufacturer's warranty to modifications we perform.

Support you can count on. The ROCKY DK8 tablet is designed for extended End of Life. AMREL builds the ROCKY DK8 to last, and we plan our support the same way.

Fast integration and customization. Design to be quickly and easily modified, the ROCKY DK8 has been successfully customized for:

- ☑ *Point of Sale on a Train*
- ☑ *Mobile Radio Solution*
- ☑ *Avionic Communications*
- ☑ *Mobile Mesh Network*
- ☑ *In-Vehicle Solution*
- ☑ *Many other applications*

DK886 Technical Specifications

Item	Standard	Upgrades
Environmental Rating	MIL-STD 810F, IP-65	
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 System¹	Genuine Microsoft Windows® 7 Professional 32-bit	
CPU	Intel® Core 2 Duo™ T5500 1.66 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"> 12.1" XGA (1024 x 768) TFT LCD Sunlight readable, anti-reflective treatment 	<ul style="list-style-type: none"> 12.1" 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, Sleep, LCD Brightness Up/Down, F1 to F6 Function Keys, Fn*, Function backlight, Track point, Left mouse button	
I/O Interface	LEFT: Express card x 1, Gigabit LAN x 1, USB 2.0 x 2 RIGHT: DC Power Jack x 1, Serial port x 1 REAR: Second battery connector BOTTOM: Docking port x 1	PC Card Type II x 1 & Express card x 1 PC Card Type II x 2 (no express card) DC Power Jack x 1 (Military type) Second battery
Power	Main Battery: 11.1V, 7200mAh Lithium-Ion AC Adapter: <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	12.6 in x 10.0 in x 2.13 in 320 mm x 255 mm x 54 mm	
Weight	5.5 lbs (2.5kg)	

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 & one secondary battery
Docklight	Mounts directly to tablet or adjustable stand Gigabit 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 ²	Method 511.4, Procedure I
Solar Radiation ³	Method 505.4, Procedure I-A1
MIL-STD 461E Certified	EMI/EMC (Military Package only)
IEC IP-65	Dust-tight; water jet

¹ Computer is Linux compatible; WinXP downgrade available

²³ Compliant to MIL-STD 810F

* Contact us for more information

** Specifications subject to change without notice

