



## 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
<b>Environmental Rating</b>	MIL-STD 810F, IP-65	
<b>Military Package (Option)</b>	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)
<b>Operating System<sup>1</sup></b>	Genuine Microsoft Windows® 7 Professional 32-bit	
<b>CPU</b>	Intel® Core 2 Duo™ T5500 1.66 GHz Processor 533/667MHz FSB, 2MB L2 Cache	
<b>Memory</b>	2GB DDR2 667MHz	4GB DDR2 667MHz
<b>Graphics</b>	Integrated 32-bit 3D/2D gfx core with 224MB shared RAM	
<b>Display</b>	<ul style="list-style-type: none"> <li>12.1" XGA (1024 x 768) TFT LCD</li> <li>Sunlight readable, anti-reflective treatment</li> </ul>	<ul style="list-style-type: none"> <li>12.1" XGA (1024 x 768) LED Backlit</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>500GB (5400 RPM) Removable HDD</li> <li>2.5" high shock-resistant SATA HDD</li> <li>Max 9.5 mm height</li> </ul>	<ul style="list-style-type: none"> <li>Any 2.5" SATA HDD, Max. 9.5 mm height*</li> <li>Solid State Hard Drive (SSHD)*</li> </ul>
<b>Audio</b>	AC97 sound and stereo speakers	
<b>Touch screen</b>	Resistive, polarized filters for anti-reflection	
<b>Buttons (front)</b>	Power, Sleep, LCD Brightness Up/Down, F1 to F6 Function Keys, Fn*, Function backlight, Track point, Left mouse button	
<b>I/O Interface</b>	<b>LEFT:</b> Express card x 1, Gigabit LAN x 1, USB 2.0 x 2 <b>RIGHT:</b> DC Power Jack x 1, Serial port x 1 <b>REAR:</b> Second battery connector <b>BOTTOM:</b> 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
<b>Power</b>	<b>Main Battery:</b> 11.1V, 7200mAh Lithium-Ion <b>AC Adapter:</b> <ul style="list-style-type: none"> <li>AC Input: 100V~240V/50-60Hz</li> <li>DC Output: 90W max</li> <li>Complies with military power source</li> <li>AC Input: 110~240V/400Hz</li> <li>Direct DC: 12~32V input</li> </ul>	Optional MIL-1275 DC Vehicle adapter*
<b>Color</b>	Black	
<b>Overall Dimensions</b>	12.6 in x 10.0 in x 2.13 in 320 mm x 255 mm x 54 mm	
<b>Weight</b>	5.5 lbs (2.5kg)	

Integrated Options	Optional
<b>Wireless LAN</b>	Intel Wifi 3945 a/b/g
<b>Wireless WAN</b>	Cinterion HC25, HSDPA
<b>Wireless PAN</b>	Bluetooth® v2.0+EDR
<b>GPS</b>	Ublox LEA-6H
<b>Modem</b>	MDC card or Mini PCI

Accessories	Optional
<b>2<sup>nd</sup> Battery</b>	11.1V, 7200mAh Lithium-Ion
<b>Multi-battery Charger</b>	Charges two primary & one secondary battery
<b>Docklight</b>	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
<b>Stand</b>	For vehicle or office, tilt mechanism, security lock
<b>External Keyboard</b>	89-key backlit keyboard

Environmental Ratings	
<b>MIL-STD 810F Certified</b>	
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 <sup>2</sup>	Method 511.4, Procedure I
Solar Radiation <sup>3</sup>	Method 505.4, Procedure I-A1
<b>MIL-STD 461E Certified</b>	EMI/EMC (Military Package only)
<b>IEC IP-65</b>	Dust-tight; water jet

<sup>1</sup> Computer is Linux compatible; WinXP downgrade available

<sup>2,3</sup> Compliant to MIL-STD 810F

\* Contact us for more information

\*\* Specifications subject to change without notice

