

ROCKY DK10

fully rugged tablet

AMREL[®]
Pioneering Customized Rugged Solutions



ROCKY DK10 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 DK10 is ideal for on-the-move operations and limited-space applications.

The power you want.

With an Intel® Sandy Bridge i7 Processor, the ROCKY DK10 has no problem with resource-intensive 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 DK10 improves your ROI by decreasing costs associated with broken computers, data loss, and lost work time.

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The specs you must have.

Don't compromise. AMREL can customize the ROCKY DK10 to your exact needs and extends the manufacturer's warranty to modifications we perform.

Support you can count on.

The ROCKY DK10 tablet is designed for extended End of Life. AMREL builds the ROCKY DK10 to last, and we plan our support the same way.

Fast integration and customization.

Design to be quickly and easily modified, the ROCKY DK10 has been successfully customized for:

- Control Solutions
- Sensor Management
- Point of Sale on a Train
- Mobile Radio Solutions
- Avionic Communications
- Mobile Mesh Network
- In-Vehicle Solution
- Many other applications

DK10 Technical Specifications

Item	Standard	Upgrades
Environmental Rating	MIL-STD 810G & IP-65	MIL-STD 461F (Military package only)
Operating System ¹ CPU	Windows® 7/8.1 Professional Intel® Sandy Bridge i7-2610UE Processor (4M Cache, up to 2.40 GHz)	
Memory Graphics Display	4GB DDR3 1333MHz Intel® HD Graphics 3000 12.1" XGA (1024 x 768) with LED Backlit Sunlight readable	Max: 8GB DDR3 1333MHz
Storage	Removable 2.5" 500 GB (7200 rpm) SATA II HDD (Optional Removable 2.5" SATA II SSD)	
Audio Touchscreen Buttons (Front)	Realtek ALC262 HD audio and stereo speakers Single Touch Resistive Panel (USB interface) Power, F1~F4, Tab, +/-, Esc, Ctrl, Alt, Del, Fn, Enter, LCD brightness up/down, up/down/left/right arrow keys, Function Backlight, Left Mouse Button, Track Pointer	
I/O Interface	Left: Gigabit LAN RJ45 x 1, USB 2.0 x 1, USB 3.0 x 1 Multi bay: Express Card/54 Slot x 1 (top) & SIM Card Slot x 1 SD Card Slot x 1 (bottom) Right: Serial port DB9 x 1 DC Power Jack x 1: (2-pin & optional MIL 3-pin) Rear: Second battery connector Bottom: Docking Connector x 1	Second battery
Power	Main Battery: 11.1 V/8700mAh Li-Ion battery AC Adapter: 90W AC 100V~240V 50/60Hz DC In: 12V~32V with surge protector (Industry 2 pin or Military 3pin)	Optional second battery: 11.1 V/7200mAh Li-Ion battery
Color	Black or NATO Green (on Military models)	
Overall Dimensions Weight	12.20 in x 10.04 in x 2.13 in 310 mm x 255 mm x 54 mm 5.51 lbs (2.5 Kg)	

Integrated Options	Optional
Wireless LAN	Intel® Centrino Advanced-N 6235 (802.11 a/b/g/n)
Wireless WAN	Gobi 3000
Wireless PAN	Bluetooth®
GPS	Ublox LEA-6H
Security	TPM 1.2

Accessories	Optional
2 nd Battery	11.1V, 7200mAh Lithium-Ion
Multi-battery Charger	Charges two primary & one secondary battery
Docklight	RGB DB15 Port x 1, USB 2.0 x 4 (Standard USB Jack x 2; Sealed USB x 2) Serial Port DB9 x 2 (COM2/COM3: Default RS232) Audio Jacks x 1, DC Power Jack x 1 (Optional Military 3-pin), Optional GLAN RJ45 x 1 Mounts directly to tablet
Stand	For vehicle or office, tilt mechanism, security lock (Same as DK8)
Mini Keyboard KBD	Full QWERTY-keyboard functionality in a compact package .Keys are back lit.
External Keyboard	89-key backlit keyboard

Environmental Ratings	
MIL-STD 810G Certified	
Shock	516.6, Procedure I
Vibration	A. 514.6, Procedure 1, Category 20 B. 514.6, Procedure I, Category 14 C. 514.6, Procedure I, Category 4
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 501.5, Procedure I and II Method 502.5, Procedure I and II Operating: -4°F to 122°F / -20°C to 50°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-tight; water jet

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

