

# ROCKY DB6

fully rugged laptop

**AMREL**<sup>®</sup>  
Pioneering Customized Rugged Solutions



## **World's smallest, rugged handheld with full Windows/ Linux Operating Systems.**

### **Small.**

Slides into cargo pocket, and weighs only 1.5 pounds.

### **Rugged.**

MIL-STD 810G, MIL-STD 461F (EMI/EMC), and IP-55 /65 certified.

### **Powerful.**

Intel® Atom™ Processor runs Full Windows/Linux.

### **Energy efficient.**

The DB6 handheld runs the same programs as your laptop, but uses only a fraction of the energy.

### **Designed for customization.**

The DB6's multiple configurable I/O ports allow for flexible connectivity.

### **3-in-one computer.**

Handheld can easily be mounted into vehicle docking station or desktop solutions. Ideal for field workers operating in Oil & Gas, Public Safety, Mines, and other demanding industries.

### **Very small. Very rugged. Very powerful.**

- Slides into cargo pants pocket
- Weighs 1.5 pounds
- MIL-STD 810G, 461F, & IP-55/65 certified
- Intel® Atom™ Processor
- Full Window/Linux OS

# DB6 Technical Specifications

Item	Standard	Upgrades
<b>Environmental Rating</b>	MIL-STD 810G, IP-55	
<b>Military Package (Option)</b>	NATO Green, MIL-STD 461F, IP-65 Metal TwistLock Amphenol (621N Series) power connector	Ground Army available (EMI)
<b>Operating System</b>	Genuine Microsoft Windows® 7 Professional 32-bit	Genuine Microsoft Windows® 7 Ultimate 32-bit
<b>CPU</b>	Intel® Atom™ Z530 1.6 GHz Processor 533MHz FSB, 512KB L2 Cache	
<b>Memory</b>	2GB DDR2 533 MHz	
<b>Graphics</b>	Intel® GMA 500	
<b>Display</b>	5" (800 x 480) Sunlight readable LED Backlit, Anti-glare, anti-reflective screen	
<b>Storage</b>	<ul style="list-style-type: none"> <li>32 GB</li> <li>1.8" high shock-resistant PATA ZIF Solid State Hard Drive (SSHD)</li> <li>Max 5mm height</li> </ul>	<ul style="list-style-type: none"> <li>Any 1.8" high shock-resistant PATA ZIF SSHD</li> <li>Max 5mm height*</li> </ul>
<b>Audio</b>	<ul style="list-style-type: none"> <li>Integrated speakers</li> <li>Intel HD audio</li> </ul>	
<b>Keypad</b>	<ul style="list-style-type: none"> <li>Text input, AP settings, volume up/down, Mouse left/right button, Screen on/off, Camera, Screen rotation, Login, FN key</li> <li><b>Function:</b> LCD brightness up/down, Keypad backlight on/off, Input lock</li> </ul>	
<b>Wireless</b>	<ul style="list-style-type: none"> <li>Bluetooth® v2.1+EDR</li> <li>See <b>Integrated Options</b> for more choices</li> </ul>	
<b>LED Indicator</b>	Power: Green/Red, Charging: Orange, HDD: Green/Red, Wireless: Blue	
<b>I/O Interface*</b>	USB 2.0 Host x 1 SD (SDHC) card slot x 1 SIM card slot x 1 Cradle POGO connector x 1	<b>Top Hirose Connection (up to 2 interfaces):</b> <ul style="list-style-type: none"> <li>Sealed USB, RS-232, Audio, or Gigabit LAN</li> </ul> <b>Bottom POGO Connection (Choose from):</b> <ul style="list-style-type: none"> <li>Sealed USB, Gigabit LAN, Audio, RS-232, VGA, DC-In</li> </ul>
<b>Power</b>	<b>Main Battery:</b> <ul style="list-style-type: none"> <li>7.4V, 3900mAh Lithium-ion</li> <li>Approx. 7-hour battery life (varies with use)</li> <li>Warm-swappable in standby mode within 30 seconds</li> </ul> <b>AC Adapter:</b> <ul style="list-style-type: none"> <li>AC Input: 100V~240V/50-60Hz</li> <li>DC Output: 36W max</li> <li>Direct DC: 12~32V input</li> </ul>	Optional MIL-1275 DC Vehicle adapter*
<b>Color</b>	Black	
<b>Overall Dimensions</b>	7.87 in x 3.70 in x 1.42 in 200 mm x 94 mm x 36 mm	
<b>Weight</b>	1.52 lbs (0.69kg)	

Integrated Options	Optional
<b>Wireless LAN</b>	Intel WiFi Link 6205 a/g/n
<b>Wireless WAN</b>	Cinterion HC25, HSDPA/UMTS 3.5G (data only)
<b>GPS</b>	Ublox LEA-6H (SMA connector available)
<b>Fingerprint Reader</b>	Validity VS301
<b>Camera</b>	AF 2.0MP web camera with dual LED flashlight (Portrait or Landscape)

Accessories	Optional
<b>Double-capacity Battery</b>	7.4V, 7800mAh high-capacity Lithium-ion Approx. 14-hour battery life (varies with use)
<b>Multi-battery Charger</b>	Four slots for high-capacity battery with 90W AC Adapter
<b>Cradle</b>	Serial port x 1, VGA x 1, LAN x 1, USB 2.0 x 3, USB Client x 1, DC Power Jack x 1, Stylus x 1
<b>Rubber Jacket</b>	Extra traction and security in your hands

\* Contact AMREL for more information  
\*\* Specifications subject to change without notice

Environmental Ratings	
<b>MIL-STD 810G Certified</b>	
Shock	516.6, Procedure I
Vibration	A. 514.6, Procedure I, Category 20 B. 514.6, Procedure I, Category 14 C. 514.6, Procedure IV, Category 24
Rain	506.5, Procedure II
Humidity	507.5 (Aggravated)
Salt Fog	509.5
Altitude	Method 500.5, Procedure I and II Operating: 15,000 ft (4,572m) Storage: 40,000 ft (12,192m)
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
Explosive Atmosphere	Method 511.5, Procedure I
Solar Radiation	Method 505.5, Procedure I-A1
<b>MIL-STD 461F Certified</b>	EMI/EMC (Military Package only)
<b>IEC IP-55 Certified</b>	Dust-protected; water jets
<b>IEC IP-65 Certified</b>	Dust-tight; water jets (Military Package only)

