



## RUGGED CONVERTIBLE LAPTOP

### 12.1-inch Display

#### ***Rugged tablet and laptop***

Built with a pivot hinge, the ROCKY U12C allows the user to turn the display module 180° and flip the 12.1" LCD/touch panel. The U12C functions equally well as a laptop and a tablet.

#### ***Light and rugged***

Weighing only 5.5lbs, the ROCKY U12C is one of the lightest rugged convertible notebooks ever to pass MIL-STD 810G for Drop, Vibration, and Shock.

#### ***Convenience, security, and flexibility***

- Fingerprint Scanner provides biometric protection.
- Computrace® BIOS Anti-Theft Persistent Agent Ready.
- Stealth Mode button disables light & sound, perfect for covert operations.
- I/O Bay accommodates GPS, Smart Card Reader, and other modules.
- Quick release mechanism lets you remove HDD in seconds.

#### ***Ivy Bridge Processor***

The powerful Intel® Ivy Bridge Core i5 ULV 1.7 GHz Processor is standard for the ROCKY U12C. Upgrades to i7 are available.

The ROCKY U12C is ideal for:

- Public Safety*
- Healthcare*
- Utility*
- Emergency*
- Transportation/Distribution*
- Government*
- Field Service*
- Logistics*

# U12Ci Technical Specifications

Item	Standard	Upgrades
<b>Environmental Rating</b>	MIL-STD 810G Compliant	
<b>Certification</b>	FCC, DOC+ID, CE, CUS	
<b>Green Tech</b>	EPEAT Silver, RoHS Compliance	
<b>Operating System<sup>1</sup></b>	Genuine Microsoft Windows® 7 Home Premium 32-bit	Genuine Microsoft Windows® 7 Home Premium 64-bit Genuine Microsoft Windows® 7 Professional 32/64-bit
<b>CPU &amp; Chipset</b>	Intel® Ivy Bridge Core i5 ULV 1.7 GHz Processor, 3MB Cache Intel® HM77 Chipset	Intel® Ivy Bridge Core i7 ULV 1.9 GHz Processor, 4MB Cache
<b>Memory</b>	2GB DDR3	Up to 16GB DDR3 (supports 64-bit)
<b>Graphics</b>	<ul style="list-style-type: none"> <li>Integrated graphic controller</li> <li>Max shared VRAM: 1696MB</li> </ul>	
<b>Display</b>	<ul style="list-style-type: none"> <li>12.1" WXGA (1280 x 800) Convertible TFT LCD</li> <li>LED Backlight</li> <li>1.3 Megapixel Webcam above LCD panel</li> </ul>	<ul style="list-style-type: none"> <li>Sunlight readable</li> <li>12.1" Resistive and digitizer dual type touch panel</li> </ul>
<b>Storage</b>	<ul style="list-style-type: none"> <li>320GB SATA HDD</li> </ul>	<ul style="list-style-type: none"> <li>2.5" SATA HDD or SSD available</li> <li>Internal mSATA to support Intel® Rapid Start Technology for fast resume</li> </ul>
<b>Audio</b>	<ul style="list-style-type: none"> <li>High definition audio, stereo; two 1.5W speakers</li> <li>Analog microphone</li> </ul>	
<b>Keyboard</b>	Spill resistant keyboard with Function Keys: <ul style="list-style-type: none"> <li>Fn+F3: Touchpad on/off</li> <li>Fn+F4: Suspend to RAM/Suspend to HDD</li> <li>Fn+F5: LCD/Ext. Display Switch (LCD-&gt; Ext. Display-&gt; Both)</li> <li>Fn+F8/F9/F10: Volume Down/Up/Mute</li> </ul>	
<b>Wireless Communication</b>	Mini Express card slot for WLAN x 1	<ul style="list-style-type: none"> <li>Bluetooth® v2.1+EDR</li> <li>Intel Wifi Link b/g/n (PCIe MiniCard)</li> <li>Intel Wifi a/b/g/n (PCIe MiniCard)</li> </ul>
<b>I/O Interface</b>	<b>I/O Devices:</b> SD Card reader slot supports SDHC x 1, Express 34 card slot x 1, Mic-in phone jack x 1, I/O module slot* (RS-232/422/485 & USB 2.0) x 1, Hidden capacitive touchpad - PS/2 mouse interface  <b>I/O Ports:</b> USB 3.0 x 1, Gigabit LAN x 1, VGA x 1, Docking port (84-pin) x 1, eSATA/USB 2.0 combo port x 1, DC-In jack x 1	
<b>SmartCard Module</b>	*I/O Module: USB 2.0 x 1, RS-232 x 1 (can convert to RS-422/485)	<b>*I/O Module slot:</b> See Integrated Options for other available SmartCard Modules
<b>Power</b>	<b>Main Battery:</b> 6-cell, 5000mAh Lithium-Ion; Approx. 6 hours (varies with use) <b>AC Adapter:</b> <ul style="list-style-type: none"> <li>AC Input: 100V~240V/50-60Hz, Output: DC 19V</li> </ul>	
<b>Security</b>	<ul style="list-style-type: none"> <li>BIOS Administrator password / Boot password</li> <li>Fingerprint scanner</li> <li>Computrace BIOS ready</li> <li>Kensington Lock Hole</li> </ul>	
<b>Color</b>	Silver/Black Combo	
<b>Overall Dimensions</b>	12.7 in x 9.5 in x 1.51 in 324 mm x 230 mm x 38.5 mm	
<b>Weight</b>	5.5 lbs (2.5 kg) with battery	

Integrated Options	Optional
<b>I/O Module 1</b>	USB 2.0 x 1, Smart card reader x 1
<b>I/O Module 2</b>	GPS module
<b>I/O Module 3</b>	WWAN 3G module x 1, GPS module x 1
<b>I/O Module 4</b>	2nd 2MP Auto-focus camera
<b>Wireless &amp; Bluetooth</b>	Intel WiFi a/b/g/n Intel WiFi b/g/n + Bluetooth® v2.1+EDR Intel WiFi a/b/g/n + Bluetooth® v2.1+EDR
<b>Security</b>	TPM v1.2 module

Accessories	Optional
<b>2<sup>nd</sup> Battery</b>	6-cell, 5000mAh Lithium-Ion; Approx. 6 hours
<b>Carrying Case</b>	For your convertible laptop, adaptor needs
<b>Docking Station</b>	RJ-45 x 1, RS-232 x 2, USB x 3, VGA x 1, Microphone/Audio x 1, DC-in x 1

Environmental Ratings	
<b>MIL-STD 810G Compliant</b>	
Shock	Method 514.6, Procedure I, Category 24, Fig. 514.6E-1 Non-operating: ASTM 4169, Truck Transport, 11.5.2 Random test, Assurance Level 2 (Operating)
Drop	Method 516.6, Procedure IV 4-ft high w/ 26 drops to 2" plywood over concrete with unit off
Temperature	Operating: -4°F to 121°F / -20°C to 50°C Storage: -40°F to 166°F / -40°C to 75°C
Humidity	Operating: 10% to 90% RH Storage: 90% RH
<b>Rugged Features</b>	
Water resistant	Spill resistant keyboard, touchpad, and buttons
Dust resistant	All input/output ports

\*\* Specifications subject to change without notice

