



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
Environmental Rating	MIL-STD 810G Compliant	
Certification Green Tech	FCC, DOC+ID, CE, CUS EPEAT Silver, RoHS Compliance	
Operating System¹	Genuine Microsoft Windows 7 Home Premium 32-bit	Genuine Microsoft Windows 7 Home Premium 64-bit Genuine Microsoft Windows 7 Professional 32/64-bit
CPU & Chipset	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
Memory	2GB DDR3	Up to 16GB DDR3 (supports 64-bit)
Graphics	<ul style="list-style-type: none"> Integrated graphic controller Max shared VRAM: 1696MB 	
Display	<ul style="list-style-type: none"> 12.1" WXGA (1280 x 800) Convertible TFT LCD LED Backlight 1.3 Megapixel Webcam above LCD panel 	<ul style="list-style-type: none"> Sunlight readable 12.1" Resistive and digitizer dual type touch panel
Storage	<ul style="list-style-type: none"> 320GB SATA HDD 	<ul style="list-style-type: none"> 2.5" SATA HDD or SSD available Internal mSATA to support Intel® Rapid Start Technology for fast resume
Audio	<ul style="list-style-type: none"> High definition audio, stereo; two 1.5W speakers Analog microphone 	
Keyboard	Spill resistant keyboard with Function Keys: <ul style="list-style-type: none"> Fn+F3: Touchpad on/off Fn+F4: Suspend to RAM/Suspend to HDD Fn+F5: LCD/Ext. Display Switch (LCD-> Ext. Display-> Both) Fn+F8/F9/F10: Volume Down/Up/Mute 	
Wireless Communication	Mini Express card slot for WLAN x 1	<ul style="list-style-type: none"> Bluetooth v2.1+EDR Intel Wifi Link b/g/n (PCIe MiniCard) Intel Wifi a/b/g/n (PCIe MiniCard)
I/O Interface	I/O Devices: 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 I/O Ports: 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	
SmartCard Module	*I/O Module: USB 2.0 x 1, RS-232 x 1 (can convert to RS-422/485)	*I/O Module slot: See Integrated Options for other available SmartCard Modules
Power	Main Battery: 6-cell, 5000mAh Lithium-Ion; Approx. 6 hours (varies with use) AC Adapter: <ul style="list-style-type: none"> AC Input: 100V~240V/50-60Hz, Output: DC 19V 	
Security	<ul style="list-style-type: none"> BIOS Administrator password / Boot password Fingerprint scanner Computrace BIOS ready Kensington Lock Hole 	
Color	Silver/Black Combo	
Overall Dimensions	12.7 in x 9.5 in x 1.51 in 324 mm x 230 mm x 38.5 mm	
Weight	5.5 lbs (2.5 kg) with battery	

Integrated Options	Optional
I/O Module 1	USB 2.0 x 1, Smart card reader x 1
I/O Module 2	GPS module
I/O Module 3	WWAN 3G module x 1, GPS module x 1
I/O Module 4	2nd 2MP Auto-focus camera
Wireless & Bluetooth	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
Security	TPM v1.2 module

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

Environmental Ratings	
MIL-STD 810G Compliant	
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
Rugged Features	
Water resistant	Spill resistant keyboard, touchpad, and buttons
Dust resistant	All input/output ports

** Specifications subject to change without notice

