

## Specification

Rugged Features	<ul style="list-style-type: none"> <li>Drop                     <ul style="list-style-type: none"> <li>MIL-STD 810G 514.6 Procedure IV, 26 drops from 4 feet height onto plywood over concrete</li> </ul> </li> <li>Vibration                     <ul style="list-style-type: none"> <li>MIL-STD 810G 514.6 Procedure I Cat. 24, Fig 514.6E-1, Fig.514.6E-2 (Non-operating)</li> <li>ASTM 4169-08 Truck Transport, Assurance Level II</li> </ul> </li> <li>Spill-proof LCD, keyboard, touchpad, buttons</li> <li>I/O Dust Covers</li> </ul>	Communication	<ul style="list-style-type: none"> <li>10/100/1000 Mbps Ethernet</li> <li>Intel® Centrino® Wireless N 135 (802.11 b/g/n)<sup>1</sup></li> <li>Bluetooth 4.0 Class 1<sup>1</sup></li> <li>WWAN Gobi 3000 with GPS<sup>1</sup></li> </ul>
Environment	<ul style="list-style-type: none"> <li>Temperature                     <ul style="list-style-type: none"> <li>Operating: -20°C~ 50°C ( with AC Adapter )</li> <li>5°C~ 50°C ( with Battery )</li> <li>Storage: -40°C~ 70°C</li> </ul> </li> <li>Humidity                     <ul style="list-style-type: none"> <li>Operating 20% ~ 90%</li> </ul> </li> </ul>	Security	<ul style="list-style-type: none"> <li>Fingerprint Scanner</li> <li>CompuTrace® Ready</li> <li>TPM 1.2</li> <li>Kensington Lock</li> <li>Stealth Mode</li> </ul>
Operating System	<ul style="list-style-type: none"> <li>Genuine Windows 7 Professional<sup>1</sup></li> </ul>	Expansion Slots	<ul style="list-style-type: none"> <li>One Express 34 card slot</li> <li>One SD Card slot support SDHC</li> </ul>
CPU	<ul style="list-style-type: none"> <li>Intel Ivy Bridge Core™ i5-3337U (1.8GHz)</li> </ul>	Modular I/O	<ul style="list-style-type: none"> <li>GOBI 3000<sup>2</sup>: WWAN &amp; GPS</li> <li>RS232: RS232 x1 &amp; USB2.0 x2</li> <li>Smart Card Reader<sup>3</sup>: SCR x1 &amp; USB2.0 x1</li> <li>GPS: GPS Receiver</li> </ul>
Memory	<ul style="list-style-type: none"> <li>2GB DDRIII SODIMM (Max. 16GB)</li> </ul>	Standard I/O	<ul style="list-style-type: none"> <li>One USB3.0</li> <li>One e-SATA/USB2.0 combo connector</li> <li>One RJ45</li> <li>One 15 pin D-sub VGA port</li> <li>Audio Jacks</li> <li>DC-In</li> </ul>
Storage	<ul style="list-style-type: none"> <li>2.5" SATA HDD</li> <li>mSATA SSD<sup>1</sup></li> </ul>	Battery	<ul style="list-style-type: none"> <li>Primary 6-cell ( 5200mAh ) 4.5hrs<sup>4</sup></li> <li>Secondary hot swappable 6 cell ( 5000mAh ) 4.5hrs<sup>1,4</sup></li> </ul>
Display	<ul style="list-style-type: none"> <li>12.1" WXGA (1280x800) TFT LCD with LED backlight</li> <li>Resistive Touch Screen Panel</li> <li>Sunlight Readable Display<sup>1</sup></li> <li>Digitizer with Dual-Touch<sup>1</sup></li> </ul>	AC Adaptor	<ul style="list-style-type: none"> <li>110V - 240V; 65W</li> </ul>
Audio	<ul style="list-style-type: none"> <li>Intel High Definition Audio</li> <li>1.5KHz Speaker x 2</li> <li>Analog Microphone</li> </ul>	Dimension	<ul style="list-style-type: none"> <li>328 mm (W) x 277 mm (D) x 40.8 mm (H)</li> </ul>
Camera	<ul style="list-style-type: none"> <li>1.3 MP Webcam</li> </ul>	Weight	<ul style="list-style-type: none"> <li>2.5 Kg (5.5 lbs)<sup>5</sup></li> </ul>

- Optional Items
- Supports HSDPA/EVDO
- Support ISO 7816 Class A, B and C; Contact Smart Card, 5V, 3V, 1.8V

- Battery Mark 4.0.1 Life Test Method (Battery life may vary with the product configuration, settings, usage patterns, and operating environment.)
- With one battery pack (Actual weight may vary with different configurations)

## Accessories



Vehicle Dock

- 3x USB2.0
- RJ-45
- DC-in
- VGA port
- 2x Audio Jack
- 2x Serial port
- 2x 5W stereo speakers



Second Battery



Car Adapter

- DC-in: 12V-24V
- DC-out: 20V



Battery Charger

- DC-in/out: 19V



4-Point Shoulder Strap



WWAN & GPS



RS232 x1 & USB2.0 x2



SCR x1 & USB2.0 x1

# DURABOOK

Mobile Systems



## U12Ci

12.1" Rugged Convertible Laptop

**DURABOOK**  
Mobile Systems

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## Design

### Light Weight and Versatile Convertible Tablet Notebook

U12Ci is designed with innovative features and compliant with MIL-STD 810G for drop and vibration.

- MIL-STD 810G drop protection from 4 feet (120 cm) height
- MIL-STD 810G and ASTM D4169-08 protection against vibration
- Spill-proof on LCD, keyboard, touchpad and buttons
- Wide temperature operating: -20°C ~ +50°C
- I/O Dust Covers
- Shock Resistant HDD Mounting
- Magnesium Alloy Chassis

## High Performance



With Intel 3rd generation Core i5-3337U dual-core Ivy Bridge processor, U12Ci offers breakthrough performance and increases power efficiency with longer battery life.

## LCD Display

### Convertible LCD

U12Ci is designed with a convertible swivel LCD screen for the convenience to work under notebook mode with keyboard or tablet mode operation.



### Resistive Touch Screen

Resistive touch panel accommodates any kinds of input device, gloved-finger, bare finger and stylus.



### Sunlight Readable Display

With circular polarizer, anti-reflective coating and enhanced brightness LED backlight, U12Ci provides superior sunlight readability and optimizing the battery life.



### Digitizer

Provides the ability to make precise sketches or sign e-documents directly onto the screen.



### Dual-Touch

U12Ci Dual-Touch detects Active Stylus or other inputs and automatically switches between digitizer and resistive touch mode.



## Advanced Security Technologies

### Stealth Mode

One-click Stealth Mode disables all emitting light and sounds. This feature is designed for the unique applications of covert operations like police stakeouts.

### Smart Card Reader

The unique secured ID verification tool protects sensitive data and provides different levels of secure access through Smart Card identification.

### Integrated Fingerprint Scanner

Biometric fingerprint scanner offers protection against unauthorized access to your computer and can also be used over password protected applications and websites for quick access.

### Computrace® Ready

BIOS Integrated Computrace® theft protection offers further security options against theft.

### TPM1.2

Trusted Platform Module v1.2 security defends against Hard Drive removal data breach.

## Superior Connectivity

- Intel® Centrino® Wireless N 135 delivers premium WiFi performance (802.11b/g/n).
- Bluetooth 4.0 Class 1 with low-energy, low-latency.
- WWAN Gobi™ 3000 3G with GPS



## User Friendly Features

### Modular I/O Port Bays

Quick interchangeable I/O modules give U12Ci the flexibility and versatility to accommodate various devices for wide range of applications.



### Quick Release HDD

Optional quick release HDD mechanism allows hard disc drive to be retrieved under 5 seconds in urgent situation.



## Long Battery Life with Hot-Swappable feature



Optional secondary hot-swappable Li-ion battery pack provides additional 5 hours of battery life and up to 10 hours of non-stop operation with both primary and secondary batteries.

## Quick Setting Control (QSC)



DURABOOK Quick Setting Control offers One-Key quick setting to all of your most frequently used functions:

- On/Off/Airplane Mode for WLAN, Bluetooth, WWAN, and GPS
- Programmable Button Setup
- Battery Charge Cycles Information