

# 1 Beyond™ RL13Cnv

## Convertible RuggedLine™ Laptop

### Fully Rugged – Convertible – Secure

The fully rugged *1 Beyond* RL13Cnv RuggedLine™ Laptop is manufactured for the mobile computing user that demands performance in the harshest environments. The RL13Cnv meets the Military Standard 810F specification for drop, shock and spill resistance and is rated IP54 for liquid and dust protection. It comes fully encased in magnesium alloy and has protection doors for all the IO ports and connectors. The sunlight readable 13.3" WXGA LCD screen is easily convertible to tablet application use, by pivoting the screen. The back light keyboard allows for easy operation in dark environments. The system's standard security features include a shock mounted removable hard drive, TPM module and fingerprint recognition.

<b>Drop Resistant</b>	According to MIL STD810F 516.5, Procedure VI 26 times 91cm height free drop onto wood on concrete
<b>Shock Resistant</b>	Random Vibration Test (Operating) : According to ASTM 4169-99, Truck Assurance Level II, Schedule E Random Vibration (Not-Operating) : According to MIL STD 810F, Method 514.5, Procedure 1, Category 24, Fig.514.5C-17 Sine vibration(Not-Operating): According to MIL STD 810F Method 514.5, Procedure 1, Category 24, Fig.514.5C-18
<b>Spill Resistant</b>	According to MIL STD 810F 506.4, Procedure II, IEC 60529 Edition 2.1 :2001-02-IPX4
<b>Dust Resistant</b>	According to MIL STD 810F 510.4 Procedure I, IEC 60529 Edition 2.1, IP54 Compliant
<b>Battery Protection</b>	Li-Ion 9 cells 7800mAh, 6+hrs, Built-in gauge IC, Charging time : 2.5 hrs to 80%



### Specifications

- CPU: Intel® Core™ 2 Duo(Merom, Ultra Low Voltage) U7500 1.06GHz TDP 10W
- Operating System: Windows Vista® Business Edition or Windows XP Tablet PC Edition
- Security Features:
  - TPM1.2 (Trusted Platform Module Security Chip)
  - BIOS setup, Power-on, HDD User Password Protection, Smart Card opt.
  - Fingerprint Recognition, Kensington Lock
- RAM: Up to 4GB, Max. 3GB for Windows XP & Vista 32-bit
- Keyboard: 86 keys; LED Back Light keyboard; IP54 Compliant
- Display: 13.3" Wide Active Matrix TFT, WXGA 1280x800; Convertible Display; Sunlight Readable (opt.)
- Storage: 2.5" SATA HDD w/S.M.A.R.T.; Shock-mounted Removable HDD, Solid State opt.; SATA HDD Heater (Pass 810F Cold Start Test )
- Ports: USB2.0: x3, , PCMCIA, DVI for monitor
- ODD: Super Multi DVD Burner, Blu-ray opt.
- Wireless: 802.11 a/g/n
- Communications:
  - WWAN -HSDPA/ GPRS/ GSM/ WCDMA (opt.)
  - Bluetooth BT-183, LAN -10/100/1000Mbps
  - GPS Receiver support, Modem - 56Kbps(V.92)
- Temperature:
  - High Temp - According to MIL STD 810F 501.4 Procedures I (Storage) and II (Operation)
  - Low Temp - According to MIL STD 810F 502.4 Procedures I (Storage) and II, III (Operation)
  - Operating - Standard 32°F to 122°F
  - Boot Operating - -4°F to 122°F (with HDD Heater)
  - Non Operating - -4°F to 158°F
- Dimensions & Weight: 13.53"(W) x 9.97"(D) x 2.85"(H); <4.2Kg / 9.05lbs

GOVERNMENT: GSA#GS-35F-0850N

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