

RUGGED NOTEBOOKS™

Extreme Rugged™

RNB ROVER

Fully Rugged Convertible Tablet

Features

- ▣ 13.3" widescreen LCD with touch (sunlight readable display optional)
- ▣ MIL-STD 810F and IP-54 compliant
- ▣ TPM security with fingerprint reader
- ▣ Low voltage CPU for better thermal performance and battery life
- ▣ Optional integrated 3G Wireless
- ▣ Optional Solid State Drive
- ▣ 6+ hour battery life



The fully rugged RNB Rover is manufactured for the mobile computing user that demands performance in the harshest of environments.

The Rover meets MIL-STD 810F specification for drop, shock, and spill resistance and is IP54 rated for liquid and dust protection. The Rover comes fully encased in magnesium alloy and has protection doors for every IO port and connector.

This convertible notebook comes with a 13.3" WXGA touch-screen LCD a with sunlight readable display option that can also be used for tablet applications. The backlit 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. The RNB Rover—rugged, convertible, and secure.

SECURE+ IT SECURITY PRODUCTS & SOLUTIONS **Seagate**

AbsoluteSoftware



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Rover Specifications	
CPU	<ul style="list-style-type: none"> Intel® Core™ 2 Duo Merom 1.06GHz U7500 , 533MHz FSB, 65nm, 2MB L2 Cache Ultra Low Voltage, TDP 10W
BIOS	<ul style="list-style-type: none"> North Bridge: Intel® 965GM Express South Bridge: Intel® ICH-8M Phoenix Trust Code Base CompuTrace Enabled BIOS for use with Lojack for Laptops Recovery Software/Hardware Service (Coming Soon)
Chipset	<ul style="list-style-type: none"> Mobile Intel® GME965 Express, with 82801HM I/O Controller & 82GME965 Graphics & Memory Controller, TDP 13.8W
Memory	<ul style="list-style-type: none"> Dual Channel DDRII 667MHz SODIMM Slots, 512MB Standard, Expandable to 4GB Maximum with XP & Vista 32bit OS
Video System	<ul style="list-style-type: none"> Mobile Intel® GME965 Integrated Graphics with 384MB Shared VRAM Dual independent display support, at graphics core speeds up to 500 MHz, provides a wealth of options for using high-resolution displays
Display	<ul style="list-style-type: none"> 13.3" Wide Active matrix TFT, WXGA 1280 x 800 Convertible Display Resistive Touch Panel Support (Touch Screen) with Stylus External CRT Display Supported up to QXGA 2048 X 1536 Optional: Sunlight Readability
Hard Disk	<ul style="list-style-type: none"> 2.5" 160GB 7200RPM SATA Shock-mounted Removable Hard Drive with S.M.A.R.T. Technology with Heater Passed 810F Cold Start Test Optional: HDD Upgrades from 250GB to 500GB Optional: Built-in Freefall Sensor for Drop Protection Optional: 160GB or 320GB Encryption High Security Hard Drive 5400/7200RPM Seagate Momentus FDE Optional: Solid State Drives up to 256GB Consumer/Commercial (-0°C to 70°C) & Industrial Grades (-40°C to 85°C)
Communications / Wireless	<ul style="list-style-type: none"> Intel® 4965AGN embedded 802.11a/b/g/Draft N¹ PCIe* Mini Card network adapter card that operates in both the 2.4GHz and 5.0GHz spectrum 56K (V.92) Modem Integrated 10 / 100 / 1000Mbps Ethernet GPS Receiver Support PAN: Bluetooth 2.1 Class 1 + EDR Optional: WWAN HSDPA / GPRS / GSM / WCDMA (Factory Option Only)
Keyboard / Touch Pad	<ul style="list-style-type: none"> Spill-Resistant C-Face (including Keyboard, Touchpad, Speakers, LED), Keyboard (85 US Keys with Windows Logo) IP54 Compliant Built-In Touch Pad Optional: Blue LED Back Light Keyboard, Optional: International Keyboard Languages Available
Optical Media Drive	<ul style="list-style-type: none"> Hot Swappable Super Multi Dual Layer 8x / 6x / 4X DVD/RW with Disk Lock Optional: Combo CDRW/ DVD Downgrade
Smart Card & TPM	<ul style="list-style-type: none"> Smart Card Socket for Identity Protection and TPM 1.2 Support
PCMCIA	<ul style="list-style-type: none"> PCMCIA 2.1 Compliance, Supports One Type I / II (PC Card Slot) 32-Bit PC Card Bus 1.0 Architecture
I/O Ports	<ul style="list-style-type: none"> (3) USB 2.0 A ports, VGA D-sub 15 Pin for External Monitor, Audio Jack: Ear Phone Out, Audio Jack: MIC-In, Docking Connector (Pogo Pin), RS-232, Sim Card Connector, SD Card Reader, PCMCIA, DC-Input,, RJ-11 (Modem), RJ-45 (Ethernet 10 / 100 / 1000Mbps)
Audio	<ul style="list-style-type: none"> High Definition (HD) Audio Dual Built-in Speakers (Total Max: 3W) Dual Microphone Array
LED Status Indicators	<ul style="list-style-type: none"> ■Power On / Suspend ■Battery Full / Charging / Low ■Hard Drive Access ■Wireless LAN (WLAN) Connectivity, ■Wide Area LAN (WWAN) Connectivity ■Bluetooth Connectivity ■Caps Lock
AC Adapter	<ul style="list-style-type: none"> Input: 100 – 240V Auto-Sensing, 50 – 60Hz Output: 19Volts, 4.74 Amps, 90 Watts 2 Pin Compact Power Supply System, Passed MIL-STD 461E
Battery	<ul style="list-style-type: none"> Li-Ion 9 Cell 7800mAh, Approximately 6 Plus Hours **6 Hours with Built-In Gauge Charging Time: 2.5 Hours to 80% <i>** All operation Times are estimated only. Battery performance stated herein is approximate and will vary upon application, power management settings, LED Brightness, feature utilization and customized conditions.</i>
Operating System	<ul style="list-style-type: none"> Microsoft® Vista Business Optional: Microsoft® Windows XP Pro Downgrade Optional: Microsoft® Windows Tablet PC Edition
Dimensions/Weight	<ul style="list-style-type: none"> 13.54" (W) X 9.96" (D) X 2.28" (H) 8.38Lbs 3.8Kg 344mm (W) X 253mm (D) X 58mm (H)
Environmental Specifications	
Temperature	<ul style="list-style-type: none"> High Temp: According to MIL-STD 810F 504.1 Procedure I (Storage) and II (Operation) Low Temp: According to MIL-STD 810F 504.4 Procedure I (Storage) and II & III (Operation) Operating: Standard 0°C to 50°C Boot Operating: -20°C to 50°C (with HDD Heater) Non-Operating: -20°C to 70°C
Shock Resistance	<ul style="list-style-type: none"> 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
Spill Resistance	<ul style="list-style-type: none"> According to MIL-STD 810F (Rain) 506.4, Procedure II, IEC 60529 Edition 2.1 :2001-02-IPX4, (International Electro Technical Commission Publication)
Dust Resistance	<ul style="list-style-type: none"> According to MIL-STD-810F 510.4 Procedure I, IEC 60529 Edition 2.1 :2001-02-IP5X, IP-54 Compliant (International Electro technical Commission Publication)
Altitude	<ul style="list-style-type: none"> Operation: 10,000ft Non-Operation: 40,000ft
Humidity	<ul style="list-style-type: none"> According to MIL-STD 810F 507.4 Procedure I (Storage) and II (Operation) According to MIL-STD 810F 500.4 Procedure I (Storage) and II (Operation)
Drop	<ul style="list-style-type: none"> According to Mil Std810F-516.5, Procedure VI (Shock) 26times 91cm height free drop onto wood on concrete
Enclosure/Case/Safety	<ul style="list-style-type: none"> EMI: FCC, CE, MIL-STD 461E, CB, cUL, Modem: Universal PPT U.S.(FCC-B), Taiwan (DGT), China (FCC68) Japan (JATE), Europe (CTR21)
Warranty	<ul style="list-style-type: none"> 2 Years Warranty Parts & Labor, Optional: Extended Warranty & Express Repair Services with included Shipping
Security	<ul style="list-style-type: none"> TPM1.2 (Trusted Platform Module Security Chip), BIOS Setup (Power On, HDD User Password), Finger Print Scanner Kensington Lock, Optional: Fully Encrypted Hard Drive