

RUGGED NOTEBOOKS™

Extreme Rugged™

RNB 300

Fully Rugged Notebook

RNB 300 Features

- ▣ 13.3" sunlight readable display—500 nit or super bright 1200 nit LCD
- ▣ Fully rugged design with MIL-STD 810G & IP-65 ratings
- ▣ Built-in Bluetooth, 4-in-1 card reader, fingerprint reader, & TPM
- ▣ Available integrated GPS, 3G WWAN, webcam, & SmartCard reader
- ▣ Available vehicle dock with port replication and vehicle charger
- ▣ Optional night vision display, MIL-STD 461F, & salt fog resistance



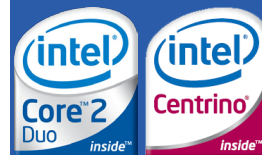
Introducing patent-pending technology designed to meet the U.S. Army's MIL-STD-3009 standard for night vision which eliminates the need for special night vision optical filters, the RNB 300 provides a measure of safety for nighttime military and law enforcement applications.

For more information, call 866-2RUGGED (866-278-4433) or email sales@ruggednotebooks.com
Visit our website at WWW.RUGGEDNOTEBOOKS.COM for the latest specials

Designed for reliable performance in demanding environments, the RNB 300 fully rugged notebook is powerful, portable, and capable. Fits a range of applications from military and law enforcement to field service and industrial environments.

Key to the RNB 300's success is the industry leading LCD designed for mobile users whose jobs require a display that can be easily read in any lighting condition, indoors or outdoors. With an industry first 1200 nit screen and optional night vision capability, the 13.3" LCD performs day or night. Adding to this functionality is the standard backlit keyboard and optional rubber backlit keyboard.

The RNB 300 features a full magnesium alloy case, integrated retractable handle, and fully sealed ports and access doors. With available MIL-STD 461F EMI shielding, MIL-STD 810G salt fog resistance, and myriad other features, no other laptop is as capable and rugged.



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RNB 300

RNB 300 Notebook Specifications	
CPU	<ul style="list-style-type: none"> ● Intel® Core™ 2 Duo Merom LV7500 1.6GHz Processor 800 MHz FSB 4MB L2 Cache ● Mobile Intel® GM965 Chipset
Core Logic	<ul style="list-style-type: none"> ● North Bridge: Intel® 965GM South Bridge: Intel® ICH8-M ● Absolute® Computrace® Enabled BIOS for use with Absolute® Recovery Software/Hardware Service
Memory	<ul style="list-style-type: none"> ● DDR2 So-Dimm 2GB Standard, Expandable to 4GB Maximum (3.2GB useable with XP & Vista 32bit OSes)
Media Bay	<ul style="list-style-type: none"> ● Optional: Super Multi DVD Drive ● Optional: 2nd Battery ● Optional: 2nd HDD 160/250GB
Video System	<ul style="list-style-type: none"> ● Intel® 965 Integrated Graphic Controller ● Intel® Graphics Media Accelerator X3100 ● 384MB Shared Memory
Display	<ul style="list-style-type: none"> ● 13.3" TFT XGA LCD (1024 X 768) 500 Nits Standard ● Optional: Touch Screen Display Upgrade (Clear Type) ● Optional: 1200 Nits Sunlight Readable Display (QuadraClear™) with Touch Screen Mercury-free LED Lamps. ● Optional: MIL-STD-3009 Night Vision Display
Hard Disk	<ul style="list-style-type: none"> ● Standard: SATA 160GB Shock Protected Removable Hard Drive ● Optional: SATA Expandable to 250GB, 320GB or 500GB @ 5400 or 7200RPM ● Optional: Solid State Hard Drive (s), Optional Extreme Condition(s) Hard Drives (Vibration, Shock, Heat, Cold, Altitude) ● Optional: HDD Heater for Low Temperature (-4°F / -20°C to 131°F / 55°C) Support
Communication	<ul style="list-style-type: none"> ● Built-in 56K ITU V.92 Modem ● 10 / 100 / 1000 Base-T LAN ● Built-in Intel® Wireless WIFI Link 4965AGN 802.11 a/b/g/n ● Bluetooth V2.1 + EDR Class 2 ● Optional: GPS with internal antenna and external MMCX Connector (Note: System won't support GPS & Web Camera together. Must be one or other) ● Optional: EVDO (Sprint) , GSM / GPRS / EDGE / UMTS / HSDPA (AT&T), (Verizon only available on Larger Orders)
Expansion Slots	<ul style="list-style-type: none"> ● (2) PCMCIA Type II or (1) Type III ● 4 in 1 Media Card Reader (SD / MMC / MS / MS Pro) ● Optional: Express Card 34/55mm (Occupies one PCMCIA Type II Slot)
Keyboard	<ul style="list-style-type: none"> ● Backlight Membrane Keyboard ● Optional: Waterproof LED Backlight Rubber Keyboard ● Optional: Membrane Keyboard (with- out Backlight)
Smart Card Reader	<ul style="list-style-type: none"> ● Optional: Smart Card Reader (Occupies one PCMCIA Type II Slot)
Pointing Device	<ul style="list-style-type: none"> ● Glide Touchpad with Scroll Bar ● Optional: Pressure Sensitive Touch Screen
I/O Ports	<ul style="list-style-type: none"> ● (3) USB 2.0(4 pin) , DC In, Expansion Bus Connector, VGA, (2) Serial Ports, IEEE 1394a Firewire, RJ-11 Modem Port, RJ-45 Ethernet Port, Microphone Jack, Card Reader, Audio Output, (2) Expansion Card Slots, Ext. GPS Antenna Connector (Only with Optional GPS), Optional RF Antenna pass-through for WLAN and WWAN
Audio	<ul style="list-style-type: none"> ● Azalia 32 Bits 192KHz Built-In 2 Watt Speakers, Built-In Mic and Line-Out Connector
AC Adapter	<ul style="list-style-type: none"> ● Universal AC Input (50 Watts 100-240V, 50-60Hz) Auto Sensing/Switching Power Supply
Battery	<ul style="list-style-type: none"> ● Standard Li-Ion (7650mAh 11.1V) 9 Cell Smart Battery (Estimated run time of Approximately 12 hours) ** ● Optional: 2nd Li-Ion Battery 9 Cell (7650mAh) can be added to the Media Bay (Media Bay Device must be removed) ● ** Battery life testing conducted under Battery Mark 4.0.1. Battery performance will vary upon software applications, wireless settings, power management settings, LCD brightness, customized modules and environmental conditions. The battery has a limited number of charge cycles and may eventually need to be replaced. Battery life and chare cycles vary by use and settings.
Operating System	<ul style="list-style-type: none"> ● Microsoft® Windows® XP Professional ● Optional: Microsoft® Windows® Vista Business ● Optional: Microsoft® Windows® 7 Professional
Dimensions/Weight	<ul style="list-style-type: none"> ● 11.9" (W) X 10.35" (D) X 2.36" (H) 7.7lbs ● 303.5mm (W) X 263mm (D) X 60mm (H) 3.5Kg
Accessories	<ul style="list-style-type: none"> ● AC Adapters, Spare Main Battery, 2nd Battery in Media Bay, Carry Bag, 12-32V Vehicle Adapter (90Watts, 12-32 VDC), Spare 120GB in Canister, Vehicle Dock, 2nd Hard Drive in Media Bay, Mil-Std 461E Compliance with Compliant AC Adapter
Security	<ul style="list-style-type: none"> ● Computrace Enabled BIOS for use with Absolute Recovery Software/Hardware Service ● Finger Print Scanner ● TPM 1.2 ● Kensington Lock
Environmental Specifications	
Temperature	<ul style="list-style-type: none"> ● MIL-STD 810G 501.5 Procedure I - High Temperature: Storage 33°C ~ 71°C (91°F ~ 159 °F) ● MIL-STD 810G 501.5 Procedure II - High Temperature: Operation 60°C (140°F) ● MIL-STD 810G 501.5 Procedure III - High Temperature: Tactical High Storage to High Operation ● MIL-STD 810G 502.5 Procedure I - Low Temperature: Storage -51°C (-59.8°F) ● MIL-STD 810G 502.5 Procedure II - Low Temperature: Operation -20°C (-4°F) ● MIL-STD 810G 503.5 Procedure IC -Temperature shock: Storage 3 cycles -51°C ~ 71°C (-59.8°F ~ 159 °F) ● MIL-STD 810G 524 Procedure III - Freeze / Thaw Rapid temperature change for 3 cycles.
Altitude	<ul style="list-style-type: none"> ● MIL-STD 810G 500.5 Procedure I - Low Pressure (Altitude):Storage/Air Transport(40,000 ft [18.8kPa] with altitude change rate 2,000 ft/min) ● MIL-STD 810G 500.5 Procedure II - Low Pressure (Altitude):Operation / Air Carriage(15,000 ft [57.2kPa] with altitude change rate 2,000 ft/min)
Shock	<ul style="list-style-type: none"> ● MIL-STD 810G 516.6 Procedure I Operating - Shock: Functional Shock 40g, 11ms, Saw tooth Waveform
Vibration	<ul style="list-style-type: none"> ● MIL-STD 810G 514.6 Procedure I Category 24 - Vibration: General Vibration Figure 514.6 E-1 (Storage) ● MIL-STD 810G 514.6 Procedure I Category 4 - Vibration: General Vibration Figure 514.6 C-1 (Operating)

ESD	<ul style="list-style-type: none"> ● Air Discharge: 0 ~ 8 KV (included) no Error; 9 ~ 15 KV allow soft error ● Contact Discharge: 0 ~ 6KV (included) no error; 7 ~ 8 KV allow soft error
Drop	<ul style="list-style-type: none"> ● MIL-STD 810G 516.6 Procedure IV - Transit Drop 26 drops from 36 in height, free drop onto 2inch plywood ● MIL-STD 810G 516.6 Procedure IV - Transit Drop Total 78 continuous drops from 48~72 inch height
Enclosure	<ul style="list-style-type: none"> ● Optional: UL1604 Class 1, Division 2, Group A, B, C, D ● Optional: 461F Electromagnetic Interference (EMI) Reduction Upgrade ● Optional: Salt Fog Resistance (Effectiveness of Protective Coatings and Finishes on Materials to Repel/Salt Corrosion) ● MIL-STD 810G 506.5 Procedure III - Rain-Drip:15 min exposure (280L/m2/Hr) Fully Rugged Magnesium Alloy Case with Rugged Hinge, Mil-Std 810G & IP65 Compliance (with all doors closed) ● MIL-STD 810G 510.5 Procedure I - Sand and Dust: Blowing dust Silica flour with 6 hours settling dust ● MIL-STD 810G 510.5 Procedure II - Sand and Dust: Blowing sand – operating temperature 60°C (140 °F) ● IEC 529, NEMA4 ● Sealed Ports and Connectors