

# SEA RNB-M14 RUGGED NOTEBOOK TERMINAL



Order: **RMB14/ W3000T** for daylight readable unit with embedded Telex Terminal application  
Order add-on option: **(C) EAG-000-1B** for sunlight readable Transflective Display

## Specifications

<b>CPU</b>	Intel® Pentium Dual Core Processor 2.3GHz (T4200), FSB 800Mhz ,1MB L2 Cache, 35W TDP (Montevina Platform)
<b>Core Logic</b>	North Bridge: Intel® GM45 AMI Note BIOS Supports RAM BIOS, Boot Block, DMI 2.0 / SMBIOS 2.3 / ACPI 3.0 / SLP 2.0 Computrace Enabled BIOS for use with Lojack for Laptops Recovery Software/Hardware Service
<b>Memory</b>	Two 200-pin DDRII So Dimm Sockets each for 1GB/2GB/4GB 2GB Standard (8GB Maximum; requires a 64 Bit OS) Note: Microsoft XP Professional/Vista 32-Bit Versions will only see 3GB Maximum
<b>Hard Disk</b>	Field Changeable/User Removable/Shock resistant 320GB SATA 2.5" 9.5mm HDD
<b>Display</b>	14.1" WXGA (1280 X 800) TFT Daylight Readable; Optional: Sun Light Readable Function
<b>Keyboard</b> <b>Pointing Device</b>	Spill Resistant 88 Keys, LED Projected White Light for Low Level Light Environments 2 Button PS/2 Touch Pad
<b>Video System</b>	Intel® GM45 Integrated Graphics with Shared System Memory up to 1759MB (Depending on RAM and OS)



<b>Communication</b>	Integrated 56Kbps V.92 Fax/Modem
<b>LAN / Wireless</b>	Integrated 10 / 100 / 1000 Mbps Ethernet (RJ45 Connector) System Supports Wake on LAN from S5/S4 on Wired LAN Connection in AC Mode Intel® Mini Express Card Wireless 802.11n (Link 5100) Internal Mini PCI Express Slot to support either WWAN/3G or Wimax or GPS, 3G & WLAN can't be on at the same time Optional: Bluetooth 2.1+EDR
<b>Multi Function Bay</b>	One Field Changeable Side Opening Bay the Supports: Super Multi DVDRW includes Bezel Lock to Prevent Tray from Accidental Opening
<b>I/O Devices</b>	4 in 1 Card Reader (MS / MS Pro / SD / MMC); Smart Card Reader
<b>I/O Ports</b>	All I/O Ports Resistant to Dust / Dirt / Water Through the use of Port Covers which are connected to the Case Four USB 2.0 Connections, 19 Pin HDMI Connector for HDTV or Projector, Head Phone Out, 9 pin D-Sub Serial Port Mic-In Phone Jack for External Microphone, DC Input Jack, 15 Pin D-Sub VGA Port for Ext Monitor/Projector
<b>PCMCIA</b>	One Type II Slot
<b>Audio</b>	High Definition Audio, Stereo with: Two 1.5 Watt Speakers, Internal Microphone
<b>AC Adapter Battery</b>	Input: AC 100~240V 50/60HZ, Output 20V/3.25A/65W 6 Cell 4400mAh 3S2P Smart Li-Ion (Approx. 4 Hrs) Charging Time 3 Hours when Unit is off Double Protection Smart Battery Circuitry Prevents Damage Caused by Current or Voltage Surges/Overheating Smart Battery Calibration Helps Fight the Loss of Battery Capacity after Repeated Charge-Discharge Cycles
<b>OS &amp; Applications</b>	Microsoft® Windows 7
<b>Dimensions/Weight</b>	13.8in (W) X 10.00in (D) X 1.45in~1.6in (H), 5.5Lbs with 6 Cell Battery & ODD 352mm (W) X 256mm (D) x 37~41mm (H) 2.5 ~ 2.7Kg
<b>Available Accessories (Partial List)</b>	Spare 6 or 9 Cell Battery, Laptop Stand, Spare AC Adapter, Ext. Floppy Drive, Universal Auto Adapter Sun Light Readable Display, Touch Screen Upgrade, GPS, WWAN Upgrades, Port Replicators, Extended Warranties & 48 Hour Express Red Warranty Repair

### Environmental Specifications

<b>Temperature</b>	Operating: 5°C to 35°C; Storage Temperature: -20°C to 60°C
<b>Vibration</b>	MIL-STD-810F, Method 514.4, Procedure I, Category 10, Fig 16 & 17 ASTM 4169 Truck Transport 11.5.2 Random Test, Assurance Level II
<b>Humidity Drop</b>	10% to 90% RH, Non-condensing 26 Drops of 2.5 Feet to Plywood over Concrete with Unit Off and Display Closed. 5 Units to Pass Simulate MIL-STD-810F, Method 516.4, Procedure IV, Height Modified
<b>Enclosure/Case</b>	Magnesium Alloy Top Cover with Diamond Cut RIM and 4 Concussion Bumpers, Spill-Resistant C-Face (Including Key Board, Touch Pad, Speakers and LED)
<b>EMI/Safety /Warranty Security</b>	FCC, CE, CUS, CB, 2 Year Standard Warranty (1 year on battery) BIOS Administrator Password, Smart Card Reader

### SEA COM CORPORATION

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