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

<table>
<thead>
<tr>
<th>Component</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td><strong>CPU</strong></td>
<td>Intel® Pentium Dual Core Processor 2.3GHz (T4200), FSB 800Mhz, 1MB L2 Cache, 35W TDP (Montevina Platform)</td>
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<tr>
<td><strong>Core Logic</strong></td>
<td>North Bridge: Intel® GM45</td>
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<tr>
<td></td>
<td>AMI Note BIOS Supports RAM BIOS, Boot Block, DMI 2.0 / SMBIOS 2.3 / ACPI 3.0 / SLP 2.0</td>
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<td>Computrace Enabled BIOS for use with Lojack for Laptops Recovery Software/Hardware Service</td>
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<tr>
<td><strong>Memory</strong></td>
<td>Two 200-pin DDR2 So Dimm Sockets each for 1GB/2GB/4GB 2GB Standard (8GB Maximum; requires a 64 Bit OS)</td>
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<td></td>
<td>Note: Microsoft XP Professional/Vista 32-Bit Versions will only see 3GB Maximum</td>
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<tr>
<td><strong>Hard Disk</strong></td>
<td>Field Changeable/User Removable/Shock resistant 320GB SATA 2.5” 9.5mm HDD</td>
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<tr>
<td><strong>Display</strong></td>
<td>14.1” WXGA (1280 X 800) TFT Daylight Readable; Optional: Sun Light Readable Function</td>
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<tr>
<td><strong>Keyboard</strong></td>
<td>Spill Resistant 88 Keys, LED Projected White Light for Low Level Light Environments</td>
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<tr>
<td><strong>Pointing Device</strong></td>
<td>2 Button PS/2 Touch Pad</td>
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<tr>
<td><strong>Video System</strong></td>
<td>Intel® GM45 Integrated Graphics with Shared System Memory up to 1759MB (Depending on RAM and OS)</td>
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</tbody>
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Communication
Integrated 56Kbps V.92 Fax/Modem

LAN / Wireless
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

Multi Function Bay
One Field Changeable Side Opening Bay the Supports:
Super Multi DVDRW includes Bezel Lock to Prevent Tray from Accidental Opening

I/O Devices
4 in 1 Card Reader (MS / MS Pro / SD / MMC); Smart Card Reader

I/O Ports
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

PCMCIA
One Type II Slot

Audio
High Definition Audio, Stereo with: Two 1.5 Watt Speakers, Internal Microphone

AC Adapter
Input: AC 100~240V 50/60HZ, Output 20V/3.25A/65W

Battery
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

OS & Applications
Microsoft® Windows 7

Dimensions/Weight
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

Available Accessories (Partial List)
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

Temperature
Operating: 5°C to 35°C; Storage Temperature: -20°C to 60°C

Vibration
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

Humidity
10% to 90% RH, Non-condensing

Drop
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

Enclosure/Case
Magnesium Alloy Top Cover with Diamond Cut RIM and 4 Concussion Bumpers, Spill-Resistant C-Face (Including Key Board, Touch Pad, Speakers and LED)

EMI/Safety /Warranty
FCC, CE, CUS, CB, 2 Year Standard Warranty (1 year on battery)

Security
BIOS Administrator Password, Smart Card Reader