

eBuddy™ R14L

[MODEL R14L]

SEMI-RUGGED LAPTOP

<http://www.earthwalk.com/EWUSA/eBuddy/R14L.asp>

MEAN & GREEN

The eBuddy™ is a main component of the EarthWalk Mobile Lab Solution. This next generation, semi-rugged laptop uses the newest Intel® low-voltage laptop CPU and chipset that is designed to maximize battery runtime without compromising performance. The eBuddy R14L is a powerful, energy-efficient platform, without the expense of a fully ruggedized unit.

Optional Accessories

- USB Flash Memory Thumb Drive (Thin Client Linux)
- USB Floppy Disk Drive
- AC Adapter/Charger
- Additional 6- or 9-Cell Lithium-Ion Batteries
- Assorted Custom Carrying Cases
- SideKick™ Extended Battery Life System

Specifications

Display:

- Anti-Shock Mounted 14" XGA LCD

Processor:

- Mobile Intel® Energy-Efficient/Notebook CPU
- 533 MHz FSB
- Enhanced Intel® SpeedStep™ Technology

Chipset:

- North Bridge: Intel® 945GSE Express 2MB Level 2 Cache
- South Bridge: Intel® ICH7M

Hard Disk Drive: (R14L)

- 120GB Anti-Shock Mounted Ultra DMA
- 160/250/320 GB Upgrades Available

Thin Client Configurations Available (R14L-TC)

- 2 GB- 16 GB Flash Drive Internal

System Memory:

- 1 GB DDR2 RAM
- Dual DIMM RAM slots
- 1 GB & 2 GB RAM Modules Available

Optical Media Device:

- Anti-Shock / Locking DVD/CD-RW Combo Drive
- Optional DVD+RW/-RW burner or dummy bezel

Graphics & Video:

- Intel® 945GM built-in
- System shared memory 128MB Max.

Audio:

- 24-bit AC-97 Compliant
- Two (2) 1W speakers, Built-In Microphone

Networking:

- Modem: 56K V.90 Fax/Modem
- Ethernet: Integrated 10/100/1000 Mbps
- Wireless: Integrated Mini-PCI module 802.11b/g

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LAPTOP SOLUTIONS

Features

- Rugged, Magnesium Alloy Case - 20 times stronger than ABS plastic
- Anti-shock mounted LCD and hard drive
- Spill and sand resistant keyboard, touchpad and switches
- Reinforced hinges and locking media drive
- Rubberized corners on both top and bottom
- MIL STD 810F
 - **Vibration:** Method 514.4 Procedure I, Category 10, Fig 16 & 17 / ASTM 4169, Truck Transport, 11.5.2 Random Test, Assurance Level II
 - **Drops:** Method 516.4 Procedure IV, Height Modified, 26 drops from 3 feet onto plywood over concrete with unit off and display closed
- Intel® Centrino™ Core Duo™ compliant platform
- Quick-Swap Lithium-Ion Battery System with calibration
- Integrated IEEE Standard 802.11a/b/g wireless networking

Dimensions:


Profile: 34 mm / 1.34"
 Width: 315 mm / 12.40"
 Depth: 257 mm / 10.12"
 Weight:* 2.7 kg / 5.94 lbs.
 (*With Battery)

Warranty

- 1 year parts & labor [Optional Extended Warranties Available]



GO GREEN with EarthWalk's Eco-Friendly Technology Solutions

	Processor Options:	
	Intel® Low-Voltage CPU Processor	N270 1.6 GHz

I/O Ports:

- Three (3) USB 2.0 connectors
- One (1) Internal USB
- One (1) PCMCIA Type II slot
- One (1) 9-pin D-sub connector for RS232 serial port
- One (1) 15-pin D-sub connector for external monitor
- One (1) Lineout phone jack for external speakers
- One (1) Mic-In phone jack for external microphone
- One (1) RJ-11 jack for internal 56Kbps V.90 modem
- One (1) RJ-45 jack for internal 10/100 bit Ethernet
- One (1) DC-in jack

Battery:

- Standard: 6-Cell 4400mAh Lithium-Ion Battery (Approx. 4 hrs)
- *Optional: 9-Cell 6600 mAh Lithium-Ion Battery (Approx. 6 hrs)*
- *Optional: Dummy Battery Bezel*

Operating System:

- Sold Separately
- Supports Windows XP Pro™ / Linux™ / Windows 7™

Certification:

- FCC, UL, CE, EU, CCC, TUV, DOC, CSA



10262 Battlevue Parkway, Manassas, VA 20109

PH: 703.393.1940 | E-mail: Sales@earthwalk.com | www.EarthWalk.com