



DURABOOK, born to be durable
Drop resistant, **Shock resistant** and **Spill resistant**
-A notebook tough enough to survive under real world conditions



Drop Resistant
Magnesium alloy case
Optical drive lock design



Spill Resistant
Spill resistant keyboard,
touchpad and buttons



Shock Resistant
Anti-shock mounted HDD
Anti-shock mounted LCD screen

DURABOOK S14Y



Rugged Outside:

- Rugged Spec. Drop / Shock / Spill - Military 810 F Standard

Security Feature:

- One smart card socket for identity protection & TPM 1.2 support

Performance Inside:

- Intel® Centrino® Duo Mobile Technology
 - Intel® Core™2 Duo processor (4MB L2 Cache, 667MHz FSB)
 - Intel® Pro/Wireless LAN 2915ABG(802.11a/b/g)
- Genuine Windows® XP Professional Edition
- One serial port with optional external second serial port and one parallel port.
- DDRII 533 / 667 SDRAM, Max. 4GB
- 14.1-inch XGA TFT Dura-Brite screen
- High speed Ethernet support 10/100/1000 Mbps



S14Y

DURABOOK Tough Features

Drop Resistant	Magnesium alloy case - 20 times stronger than ABS plastic, offering higher survival rate after drops and bumps. 26 drops from 76 cm height to plywood over concrete with unit off and display closed. 5 units to pass. Simulate MIL STD 810F, Method 516.4, Procedure IV.
Shock Resistant	Anti-shock mounting design protects LCD screen and hard disk drive from damage and data loss. Flexible HDD cable design absorbs shock from drops. Simulate MIL STD 810F, Method 514.4, Procedure I, Category 10, Fig 16 & 17/ASTM4169, Truck Transport, 11.5.2 Random test, Assurance Level II
Spill Resistant	Spill resistant keyboard, touchpad and buttons. Spill resistant design stops spills from leaking into sensitive interior parts.
Optical Disk Lock	Exclusive optical disk tray lock prevent unintentional tray eject from drop and vibration.
Battery Protection	Double protection smart battery circuitry prevents damage caused by current or voltage surges and overheating. Smart Battery Calibration helps fight the loss of battery capacity after repeated charge-discharge cycles.

System Specifications

Processor	Intel® Centrino® Duo Mobile Technology Intel® Core™ 2 Duo processor (FSB 667MHz) 2~4MB L2 Cache Intel® Core™ Duo processor (FSB 667MHz) 2MB L2 Cache Intel® Core™ Solo processor Intel® Celeron® M processor (FSB 533MHz) 1MB L2 Cache
Chipset	North Bridge: Intel® 945GM Express South Bridge: Intel® ICH7M
System Memory	Two Dual Channel DDR II SODIMM Slots each for 512MB/1GB/2GB (Max. 4GB)
Hard Disk Drive	2.5" 9.5mm high Hard Disk Drive, 60/80/100GB SATA 150 or PATA (Factory Option) Anti Shock Mounted HDD (Safety of Vibration & Transporting)
Optical Media Device	One internal optical drive for: • Combo Drive (DVD/CD-RW) • DVD Dual or DVD Super Multi (DVD-R/CD-RW/DVD-RW/DVD+RW_DL/DVD-RAM)
Display	14.1" XGA resolution
Graphics & Video	Intel® 945GM built-in • Intel® enhancement AGP BUS equivalent hardware 2D/3D video graphic accelerators • Shared system memory 128MB Max. (Intel Driver Dynamic Changed)
Audio	Compliant to Intel® High Definition Audio (Azalia) • 24-bit output • Build in stereo Mic. Array
I/O Devices	• One Smart card socket • 4 in 1 media card reader support MS/MS Pro/SD/MMC
I/O Ports	• Three USB 2.0 connectors • One IEEE 1394 port • One 9 pin D-sub connector for RS232 serial port • One Type II PCMCIA card socket • One 15 pins D-Sub connectors for external monitor • One 36 pins D-Sub connectors for 2ND Serial & one Parallel ports (Factory Optional) • One Line-Out phone jack for external speakers • One Mic-In phone jack for external microphone • One RJ-11 jack for internal 56Kbps V.90 modem • One RJ-45 jack for internal 10/ 100/ 1000Mbps Ethernet • One DC-In jack
Keyboard	Spill resistant Keyboard (85 Keys with Windows Key) Function Keys: • Fn+F1: Bluetooth off/on • Fn+F3: Backlight off/on • Fn+F4: Suspend mode • Fn+F5: Display Switch (LCD -> CRT -> LCD+CRT) • Fn+F6: Brightness Decrease • Fn+F7: Brightness Increase • Fn+F8: Volume Control Down • Fn+F9: Volume Control Up • Fn+F10: Mute • Fn+F11: Select Boot device after POST finished • Fn+F12: Select Boot from LAN function after POST finished
Wireless/Communications	Modem: Internal 56K V.90 Fax/Modem Ethernet: Integrated 10/100/1000 Mbps Ethernet Wireless: Intel® Pro/Wireless 3945ABG (802.11 a/ b/ g) network connection (factory option) Optional Bluetooth
AC Adapter	Input: AC 100~240V 50/60Hz, Output: 20V/3.25A/65W
Battery	Standard: 6 cells 4400mAh Li-Ion battery (Approx. 3.5hrs) Optional: 9 cells 6600mAh Li-Ion battery (Approx. 5hrs)
Dimensions & Weight	312.5mm (W) X 257mm (D) X 36~38.3mm (H) 2.6Kg/5.73lbs (with 6 cell battery)
Certification	FCC, CSA, CE, CB
Security	Kensington Lock / Administrator password / Boot password

- The specification and pictures are subject to change without notice.
- All brand names are registered trademarks of their respective owners.



Taipei (Headquarters)
Twinhead International Corporation
10F, 550, Ruelguang Road,
Neihu, Taipei, 114, Taiwan, R.O.C.
Tel : 886-2-5589-9999
Fax: 886-2-5555-7777
http://www.twinhead.com

U.S.A.
Twinhead Corporation
48303 Fremont Blvd.
Fremont, CA94538, U.S.A.
Tel : 1-510-492-0828
Fax: 1-510-492-0820



e-mail: info@fieldworks.nl
websites:
www.fieldworks.nl
www.ruggednotebooks.nl

Veemarktkade 8
NL-5222 AE Den Bosch
Tel. +31(0) 73 624 1111
Fax +31(0) 73 624 1112