



Computers for the Outside World™

toughbook 18

Rugged, Lightweight, Wireless and Convertible

DURABILITY FEATURES

- Designed using MIL-STD-810F test procedures
- Full magnesium alloy case
- Moisture- and dust-resistant LCD, keyboard and touchpad
- Sealed port and connector covers
- Shock-mounted removable HDD in stainless steel case
- Rugged hinge
- Vibration and drop-shock resistant

CPU

- Intel® Pentium® M Processor ULV 713:
 - 1MB L2 cache
 - Processor speed 1.10GHz
 - 400MHz FSB

STORAGE & MEMORY

- 256MB SDRAM (DDR) standard, expandable to 1280MB
- 40GB HDD

DISPLAY

- Touchscreen PC version: 10.4" 1024 x 768 (XGA) transmissive, outdoor-readable TFT Active Matrix Color LCD
- Tablet PC version: 10.4" 1024 x 768 (XGA) transmissive, outdoor-readable TFT Active Matrix Color LCD with Digitizer
- External video support up to 1280 x 1024 at 16 million colors (24 bit color depth)
- Intel® 855GM graphic controller, UMA (Unified Memory Access) up to 64MB

AUDIO

- SigmaTel™ STAC9767 AC-97 v.2.1 Compliant Audio Codec
- Integrated speaker
- Convenient keyboard volume and mute controls

EXPANSION SLOTS

- PC Card Type II x 2 or Type III x 1

KEYBOARD & INPUT

- 82-key with dedicated Windows® key
- Pressure sensitive touchpad with vertical scrolling support

INTERFACE

- External Video D-sub 15
- Headphones/Speaker Mini-jack Stereo
- Microphone/Line In Mini-jack
- Serial Port D-sub 9 (Touchscreen PC version only)
- USB 2.0 (x2) 4 pin
- 10/100 Ethernet RJ-45
- 56K V.92 Modem RJ-11

WIRELESS LAN

- Intel® PRO/Wireless 2200BG network connection 802.11b+g

POWER SUPPLY

- Lithium Ion battery pack (7.4V, 6600mAh)
- Battery operation: 4-6 hours*
- Battery charging time: approximately 3.5 hours/off, 7 hours/on*
- AC Adapter: AC 100V-240V 50/60Hz, Auto Sensing/Switching worldwide power supply

POWER MANAGEMENT

- Hibernation, Standby, ACPI BIOS

SOFTWARE

- Touchscreen PC version: Microsoft® Windows® XP Professional, Setup, On-line Reference Manual, Adobe® Acrobat® Reader, DMI Viewer, Panasonic Handwriting, Software Keyboard, Display Rotation Tool, Hard Disk Data Erase Utility
- Tablet PC version: Microsoft® Windows® XP Tablet PC Edition, Setup, On-line Reference Manual, Adobe® Acrobat® Reader, DMI Viewer, Display Rotation Tool, Hard Disk Data Erase Utility

SECURITY FEATURES

- Password Security: Supervisor, User
- Kensington Lock Slot

WARRANTY

- 3-year limited warranty, parts & labor

DIMENSIONS & WEIGHT

- 1.9"(H) x 10.7"(W) x 8.5"(D)
- 4.5 lbs.

INTEGRATED OPTIONS**

- Wide Area Wireless Solutions
 - 1xRTT/CDMA 2000 (availability may vary)
 - GSM/GPRS with external SIM slot (availability may vary)
- Bluetooth™ (availability may vary)
- Global Positioning System (GPS) Receiver
- Backlit keyboard
- SmartCard Reader (occupies one Type II PC Card slot)



- Notebook PC Convertible to Tablet PC
- Full Magnesium Alloy Case with Handle
- 4.5 lbs. Lightweight Design
- Wide Area Wireless- and GPS-capable
- Intel® Centrino™ Mobile Technology

ACCESSORIES**

- AC Adapter (3 pin) CF-AA1623AM
- Battery Charger CF-VCBTB1U
- CF-18 tablet large stylus pen (for Digitizer) CF-VNP005U
- CF-18 tablet stylus pen (for Digitizer) CF-VNP006U
- CF-18 touch large stylus pen CF-VNP004U
- CF-18 touch stylus pen CF-VNP003U
- External USB Combo Drive (DVD-ROM***/CD-RW****) CF-VDRRT2W
- External USB Floppy Drive CF-VFDU03W
- FieldMate Always-On Case CF-FM18
- Lithium Ion Battery Pack CF-VZSU30U
- Mobile Data Wireless Display CF-VDW07BHM
- Mobile Data Wireless Display with Magnetic Stripe Reader and Fingerprint Scanner CF-VDW07RFHM
- Memory Cards
 - 256MB CF-WMBA40256F
 - 512MB CF-WMBA40512E
 - 1GB CF-WMBA401024B
- Port Replicator CF-VEB181
- 10.4" LCD Protector Film (Tablet Version) CF-VPF06U
- 10.4" LCD Protector Film (Touchscreen Version) CF-VPF07U

*Battery performance features such as charge time and life span can vary according to the conditions under which the computer and battery are used. Battery operation and recharge times will vary based on many factors including screen brightness, applications, features, power management, battery conditioning and other customer preferences.

**Integrated options and accessories may vary depending on your notebook configuration.

***Decoder software is required for DVD movie play. (Included)

****CD authoring software is required to write CD-R/RW. (Included)

Please consult your reseller or Panasonic representative before purchasing.

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For more information call 1-800-662-3537 or visit us on the Web at panasonic.com/toughbook.

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