



Windows®. Life without Walls™. Panasonic recommends Windows 7.

# THE TOUGHBOOK C1

## **The world's lightest 12.1" convertible tablet PC.**

Introducing the world's lightest 12.1" convertible tablet PC, the new 3.28 lb. Panasonic Toughbook® C1. It features an array of industry-leading advancements, such as being the first rugged convertible tablet PC to offer a hot-swappable twin battery design for continuous use by enabling battery replacement without disruption. The Toughbook C1 is available with a multi touch + digitizer screen for finger and gesture computing and an electronic stylus for accurate digital input. The ergonomic strap and dome cradle the hand for comfortable long term use. The Toughbook C1 features a unique, durable triple hinge design that is easy to open and close with one hand—it uses two hinges for opening and closing the screen, and another hinge for rotating the screen into tablet mode. A spill-resistant keyboard and the ability to survive up to a 30" operating drop are additional performance benefits.



**TOUGHBOOK**

# THE NEW PANASONIC TOUGHBOOK C1.



## SOFTWARE

- Genuine Windows® 7 Professional<sup>1</sup>
- Panasonic Utilities (including Dashboard), Recovery DVD

## CPU

- Intel® Core™ i5-520M vPro™ Processor
  - 2.40GHz with Turbo Boost up to 2.93GHz
  - Intel® Smart Cache 3MB

## STORAGE & MEMORY

- 2GB SDRAM (DDR3-800MHz) standard, expandable to 6GB<sup>2,3</sup>
- 250GB hard drive (shock-mounted flex-connect with quick-release)<sup>3</sup>

## DISPLAY

- 12.1" widescreen 1280 x 800 WXGA LCD
  - Multi touch + digitizer screen
  - Gloved multi touch screen
- External video support up to 1920 x 1200 at 16.7 million colors
- Intel® QM57 video controller, max. 1024MB UMA VRAM on XP<sup>4</sup>
- Anti-glare screen treatment
- LED backlighting

## AUDIO

- Integrated dual array microphone
- Intel® high-definition audio compliant
- Integrated speaker
- Keyboard volume controls (Dashboard and Fn+F5/F6 keys)

## KEYBOARD & INPUT

- Multi touch + digitizer screen
  - Supports bare hand touch and gestures and electronic stylus pen
- Gloved multi touch screen
  - Supports bare hand and gloved touch and gestures
- 6 backlit tablet buttons (5 user-definable)
- Dashboard
- Integrated stylus holder
- 83-key with dedicated Windows® key
- Electrostatic touchpad with circular scrolling

## EXPANSION SLOTS

- PC card type II x 1
- SD card (SDHC)

## INTERFACE

- Docking connector 84-pin
- VGA D-sub 15-pin
- Headphones/speaker Mini-jack stereo
- Microphone/line in Mini-jack stereo
- USB 2.0 (x 3) 4-pin
- 10/100/1000 Ethernet RJ-45
- 56K Modem RJ-11

## WIRELESS

- Optional integrated Gobi™ 2000 mobile broadband
- Intel® Centrino® Advanced-N 6200 802.11a/b/g/n
- Bluetooth® v2.1 + EDR (Class 2)
- Security
  - Authentication: LEAP, WPA, 802.1x, EAP-TLS, EAP-FAST, PEAP
  - Encryption: CKIP, TKIP, 128-bit and 64-bit WEP, Hardware AES
- Slide on/off switch

## POWER SUPPLY

- Hot-swappable twin lithium ion battery packs (7.4V, typical 6000mAh each battery)
- Battery operation: 5 hours (10 hours with optional 2<sup>nd</sup> battery)<sup>5</sup>
- Battery charging time: 2.5 hours off, 4 hours on<sup>5</sup>
- AC Adapter: AC 100V-240V 50/60Hz, auto sensing/switching worldwide power supply
- Pop-up, on-screen battery status reporting
- Battery status LED indicators, including quick view
- Battery change LED indicators

## POWER MANAGEMENT

- Suspend/Resume Function, Hibernation, Standby, ACPI BIOS
- Economy mode

## SECURITY FEATURES

- Password Security: Supervisor, User, Hard Disk Lock
- Cable lock slot
- Trusted platform module (TPM) security chip v.1.2
- Computrace® theft protection agent in BIOS<sup>6</sup>
- Intel® Anti-Theft Technology
- Optional fingerprint reader
- Optional SmartCard reader

## INTEGRATED FEATURES

- Webcam

## WARRANTY

- 3-year limited warranty, parts and labor

## DIMENSIONS & WEIGHT

- 8.9"(L) x 11.8"(W) x 1.2"/1.7"(H) front/rear
- 3.28 lbs. (3.78 lbs. with optional 2<sup>nd</sup> battery)

1.800.662.3537 / [panasonic.com/toughbook/C1](http://panasonic.com/toughbook/C1)

Financing options now available from Panasonic Finance Solutions; please call number above for more details.

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- World's Lightest 12.1" Convertible Tablet PC
- Durable Triple Hinge Design with Screen Rotation Lock
- Webcam and Dual Array Microphone
- Choice of Multi Touch + Digitizer Screen or Gloved Multi Touch Screen
- Hot-swappable Twin Battery Design for Continuous Use
- Ergonomic Strap and Dome Hand Support

## INTEGRATED OPTIONS<sup>7</sup>

- Gobi™ 2000 mobile broadband (EV-DO Rev. A, HSPA)
- Fingerprint reader
- SmartCard reader

## ACCESSORIES<sup>8</sup>

- AC Adapter (3-pin) CF-AA6503AM
- Lithium Ion Battery Pack CF-VZSU66U
- 4-Bay Battery Charger CF-VCBC11U
- LIND Car Adapter 120W CF-LNDDC120
- LIND Car Adapter 120W Mounting Bracket CF-LNDBRK120
- LIND Car/AC Adapter 90W (with USB port) CF-LNDACDC90
- LIND Shutdown Timer CF-LNDLPT
- InfoCase C1 Vinyl Sleeve TBCC1SLWN-P
- InfoCase C1 Leather Sleeve TBCC1SLVLT-P
- InfoCase C1 Convertible Case TBCC1CASE-P
- InfoCase C1 Shoulder Strap TBCC1SSTP-P
- Memory Cards
  - 2GB DDR3 CF-WMBA902GF
  - 4GB DDR3 CF-WMBA904G
- Desktop Dock with DVD Multi Drive CF-VEBC11U
- Multi Touch + Digitizer Replacement Stylus CF-VNP016U
- Gloved Multi Touch Replacement Stylus CF-VNP017U
- 12.1" LCD Protector Film<sup>9</sup> CF-VPF16U

Please consult your reseller or Panasonic representative before purchasing.

<sup>1</sup>A full set of Windows XP drivers are available at [panasonic.com/toughbook/support](http://panasonic.com/toughbook/support).

<sup>2</sup>Total usable memory will be less depending upon actual system configuration.

<sup>3</sup>1GB = 1,000,000,000 bytes.

<sup>4</sup>The size of the VRAM cannot be set by the user and varies by operating system as well as size of RAM. Windows 7 max. VRAM is 765MB with 2GB of memory.

<sup>5</sup>Number of batteries varies by model. 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. Battery testing results from MobileMark 2007.

<sup>6</sup>Requires software and activation to enable theft protection.

<sup>7</sup>Accessories and Integrated Options may vary depending on your notebook configuration.

<sup>9</sup>For gloved multi touch model only.

**TOUGHBOOK**