

Panasonic recommends Windows Vista® Business.

# THE TOUGHBOOK 30

**Powerful, rugged and wireless.**

In your world, only the tough survive. The MIL-STD-810F and IP65 certified Toughbook® 30 is the industry's fastest fully-rugged mobile PC. Its 1000 nit sunlight-viewable optional touchscreen with Panasonic CircuLumin™ technology and optional backlit keyboard are moisture and dust-resistant and ensure easy viewing in any lighting condition. It can withstand a 3-foot drop, and has a full magnesium alloy case with handle and shock-mounted quick-release hard drive to deliver maximum durability, portability and uptime no matter where your work takes you.



**TOUGHBOOK**

**Panasonic ideas for life**

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# THE PANASONIC TOUGHBOOK 30.



## DURABILITY FEATURES

- MIL-STD-810F certified (3' drop, shock, vibration, water, dust, altitude, high/low temperature, temperature shock, humidity, explosive atmosphere)<sup>1</sup>
- MIL-STD-461E certified (requires special AC adapter)<sup>1</sup>
- IP65 certified sealed all-weather design<sup>1</sup>
- UL1604 class I, division 2, groups ABCD certified model
- LCD heater (only with touchscreen model)
- HDD heater
- Full magnesium alloy case with handle
- Shock-mounted, quick-release hard drive
- Pre-installed replaceable screen film for touchscreen protection

## SOFTWARE

- Genuine Windows Vista® Business (with XP downgrade option)
- Setup, Diagnostics, PC Information Viewer, Online Reference Manual, Adobe® Reader, Panasonic Handwriting, Zoom Utility, Concealed Mode Utility, Hard Disk Data Erase Utility, Recovery DVD

## CPU

- Intel® Core™ 2 Duo Processor SL9300
  - Intel® Centrino® 2 with vPro™ technology
  - Processor speed 1.6GHz
  - 6MB L2 cache
  - 1066MHz FSB

## STORAGE & MEMORY

- 2048MB SDRAM (DDR2-667MHz) standard, expandable to 4096MB<sup>2</sup>
- 160GB HDD (shock-mounted and quick-release)<sup>3</sup>

## DISPLAY

- 13.3" 1024 x 768 XGA daylight-readable LCD (sunlight-viewable with optional touchscreen)
  - Touchscreen with Panasonic CircuLumin™ technology:
    - 9-1000 nit, AR, AG, circular polarizer
    - Non-touchscreen: 9-500 nit, AR, AG
- External video support up to 1280 x 1024 at 16.7 million colors
- Intel® GS45 (GMA 4500MHD video controller), max. 1024MB UMA VRAM on XP<sup>2</sup>
- Concealed mode

## AUDIO

- Analog Devices AD1883 compliant audio codec
- Intel® high-definition audio compliant
- Integrated front-facing speaker
- Convenient keyboard volume and mute controls

## KEYBOARD & INPUT

- Touchscreen LCD (only with touchscreen model)
- Integrated stylus holder (only with touchscreen model)
- 87-key with dedicated Windows® key
- Pressure-sensitive touchpad with vertical scrolling support

## MULTIMEDIA POCKET EXPANSION SLOTS

- Will accept optional Combo or DVD Super MULTI Drive, or 2nd battery
- PC card type II x 1
- SD card (SDHC)
- ExpressCard/54 x 1

## INTERFACE

- Port replicator
- External video
- Headphones/speaker
- Microphone/line in
- Serial
- Ext. antenna conn.
- USB 2.0 (x 3)
- IEEE 1394a (FireWire)
- 10/100/1000 Ethernet
- 56K modem
- 80-pin (reinforced) D-sub 15-pin
- Mini-jack stereo
- Mini-jack stereo
- D-sub 9-pin
- 50 ohm coaxial
- 4-pin
- 4-pin
- RJ-45
- RJ-11

## WIRELESS

- Optional integrated Gobi™ global mobile Internet (WWAN)
- Intel® Wireless WiFi Link 5100 802.11a/b/g/draft-n
- Bluetooth® v2.0 + EDR (Class 1)
- Security
  - Authentication: LEAP, WPA, 802.1x, EAP-TLS, EAP-FAST, PEAP
  - Encryption: CKIP, TKIP, 128-bit and 64-bit WEP, Hardware AES
- High-gain antenna pass-through (single standard, dual optional)
- Slide on/off switch

## POWER SUPPLY

- Lithium ion battery pack (10.65V, 8550mAh)
- Battery operation: 9 hours (Vista), 10 hours (XP) – 12.5 hours (Vista), 14 hours (XP) including optional 2nd battery<sup>4</sup>
- Battery charging time: 5 hours off, 8.5 hours on<sup>4</sup>
- AC Adapter: AC 100V-240V 50/60Hz, auto sensing/switching worldwide power supply
- Pop-up, on-screen battery status reporting

## POWER MANAGEMENT

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

## SECURITY FEATURES

- Password Security: Supervisor, User, Hard Disk Lock
- Kensington cable lock slot
- Trusted platform module (TPM) security chip v.1.2
- Computrace® theft protection agent in BIOS<sup>5</sup>
- Optional fingerprint reader
- Optional SmartCard reader

## WARRANTY

## DIMENSIONS & WEIGHT

- 3-year limited warranty, parts and labor
- 11.5"(L) x 11.9"(W) x 2.7-2.8"(H)
- 8.4 lbs.

## INTEGRATED OPTIONS<sup>6</sup>

- Global Mobile Broadband Internet
  - Gobi™ Technology (EV-DO Rev. A, HSPA)
- 250GB HDD (shock-mounted)
- Global positioning system (GPS) receiver
- Backlit keyboard – sealed rubber or plastic emissive
- SmartCard reader
- Fingerprint reader
- HDD and battery lock

- Sunlight-viewable Display with Panasonic CircuLumin™ Technology
- Full Magnesium Alloy Case with Handle
- Shock-mounted, Quick-release Hard Drive
- IP65 Certified Sealed All-weather Design
- Intel® Centrino® 2 with vPro™ Technology
- 3G Mobile Broadband and GPS-ready Design

## ACCESSORIES<sup>6</sup>

- AC Adapter (3-pin) CF-AA1653AM
- MIL-461E Compliant AC Adapter CF-AA1653ASM
- Battery Charger CF-VCBTB1W
- Touchscreen Large Stylus with Tether Hole CF-VNP009U
- InfoCase ComUniversal Carrying Case (large capacity) 7540-P
- InfoCase ComUniversal Jr. Carrying Case COMUNIVJR-P
- InfoCase ComUniversal Roller TM-UNIVRLR-P
- InfoCase Sling 30 Case TM30-P
- Desktop Port Replicator CF-VEB272A2W
- Combo Drive (DVD-ROM/CD-RW) CF-VDR302U
- DVD Super MULTI Drive CF-VDM302U
- External USB Floppy Drive CF-VFJU03U
- Lithium Ion Battery Pack CF-VZSU46U
- Lithium Ion Battery Pack for Multimedia Pocket CF-VZSU1430U
- 32GB Solid State Drive (SSD) CF-WSD300321
- Memory Cards
  - 1GB CF-WMBA801G
  - 2GB CF-WMBA802G
- Vehicle-mount Port Replicator (USB 2.0) CF-WEB301M
- Vehicle-mount Port Replicator with Integrated Single High-gain Antenna Pass-through (USB 2.0) CF-WEB301MA
- Vehicle-mount Port Replicator with Integrated Dual High-gain Antenna Pass-through (USB 2.0) CF-WEB301MB
- 13.3" LCD Protector Film CF-VPF05U

Please consult your reseller or Panasonic representative before purchasing.

<sup>1</sup> Tested by national independent third party lab.

<sup>2</sup> Total usable memory will be less depending upon actual system configuration. Vista max. VRAM is 797MB with 2GB of memory, or 1551MB with 4GB of memory.

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

<sup>4</sup> 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>5</sup> Requires software and activation to enable theft protection.

<sup>6</sup> Accessories and Integrated Options may vary depending on your notebook configuration.

1.800.662.3537 / [panasonic.com/toughbook/30](http://panasonic.com/toughbook/30)

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

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