TOUGHBOOK H2

- Intel® Core™ i5 vPro™ Processor

- Sealed Fanless All-weather Design

- Sunlight-viewable Up to 6000 Nit in Direct Sunlight

- USB, Serial and Ethernet Ports

- Long-life Hot-swappable Twin Batteries Provide Limitless Hours of Use

- Available Built-in Camera, RFID, and SmartCard and Barcode Readers

- Choice of 4G LTE or 3G Gobi™ Mobile Broadband with Satellite GPS

Panasonic recommends Windows 8.

The industry's most rugged handheld tablet PC.

The rugged Panasonic Toughbook® H2 handheld tablet PC is the ultimate productivity tool for mobile workers. With superior ergonomics, a brilliant 10.1" sunlight-viewable LED screen capable of up to 6000 nit in direct sun and sealed all-weather design, the Toughbook H2 lets you work virtually anywhere. Designed with a magnesium alloy chassis encased in polycarbonate, the IP65 and MIL-STD-810G certified[1] Toughbook H2 delivers a complete range of integrated wireless features including Wi-Fi, Bluetooth® and optional embedded 4G LTE or 3G Gobi™ mobile broadband with satellite GPS. Add to that fast charging hot-swappable twin batteries for maximum uptime, optional integrated SiRFstarIII™ GPS and SmartCard reader, and you've got a handheld tablet PC that is unmatched in the field.

IP65

6-FOOT DROP RATING

MIL-STD-810G

1.800.662.3537
panasonic.com/toughbook/H2

SOLUTIONS FOR BUSINESS

TOUGHBOOK®

DURABILITY

- MIL-STD-810G certified (6' drop, shock, vibration, rain, dust, sand, altitude, freeze/thaw, high/low temperature, temperature shock, humidity, explosive atmosphere)[1]
- MIL-STD-461F certified model
- IP65 certified[1] sealed all-weather design
- Optional Class 1 Division 2, groups ABCD hazardous locations certified model
- Hard drive heater
- Magnesium alloy chassis encased with polycarbonate
- Shock-mounted flex-connect hard drive
- Integrated handle and ergonomic rubber hand strap
- Reinforced locking port covers

SOFTWARE

- Windows® 7 Professional 32-bit or Windows® 7 Professional 64-bit[2]
- Panasonic Utilities (including Dashboard and Cleaning Reminder Tool), Recovery DVD

CPU

- Intel® Core™ i5-3437U vPro™ Processor
  – 1.9GHz with Turbo Boost up to 2.9GHz
  – Intel® Smart Cache 3MB

STORAGE & MEMORY

- 4GB or 8GB SDRAM (DDR3L-1333MHz)[3,4]
- 500GB 7200rpm hard drive with heater (shock-mounted and flex-connect)[4]
  – Optional 128GB and 256GB reinforced flex-connect SSD with heaters[4]

DISPLAY

- 10.1" XGA sunlight-viewable LED 1024 x 768 dual touch
  – TransflectivePlus and Panasonic CircuLumin™ technology
  – 1-6000 nit (depending on lighting conditions and settings)[5]
  – Anti-reflective, anti-glare screen treatments and circular polarizer
  – Ambient light sensor
- Intel® QM77 video controller, max 1547MB shared VRAM with 32-bit[6]
- External video support up to 1280 x 1024 at 16.7 million colors
- Concealed mode

AUDIO

- Intel® high-definition audio compliant
- Integrated speaker

KEYBOARD & INPUT

- Dual touch LCD (touchscreen and digitizer)
- Integrated stylus holder
- 74-key on-screen keyboard with dedicated Windows® key
- Up to 5 user-defined programmable buttons (varies by model)

INTERFACE

- Docking connector — Dedicated 19-pin
- Serial — D-sub 9-pin
- USB 3.0 (opt. 2nd USB 2.0 port)[7] — 4-pin
- 10/100/1000 Ethernet — RJ-45

WIRELESS

- Optional integrated 4G LTE mobile broadband with satellite GPS
- Optional integrated 3G Gobi™3000 mobile broadband with satellite GPS
- Optional GPS (SiRFstarIII™)
- Intel® Centrino® Advanced-N 6235 802.11a/b/g/n
- Bluetooth® v4.0 + 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

POWER SUPPLY

- Twin hot-swappable Li-Ion battery packs
  – 7.2V, typical 3400mAh, minimum 3200mAh each battery
- Battery operation: 7 hours (with both batteries)[8]
- Battery charging time: 3 hours on[8]
- AC Adapter: AC 100V-240V 50/60Hz, auto sensing/switching worldwide power supply

SECURITY FEATURES

- Password Security: Supervisor, User, Hard Disk Lock
- Kensington cable lock slot (on optional cradle)
- Trusted platform module (TPM) security chip v.1.2
- Computrace® theft protection agent in BIOS[9]
- Intel® Anti-Theft Technology
- Fingerprint reader
- Insertable SmartCard reader (requires SSD)
- Contactless SmartCard reader

WARRANTY

- 3-year limited warranty, parts and labor

DIMENSIONS & WEIGHT

- 10.8"(L) x 10.6"(W) x 2.3"(H)
- 3.5 lbs. (with handle, strap and both batteries)

INTEGRATED OPTIONS[10]

- 4G LTE mobile broadband with satellite GPS
- 3G Gobi™3000 mobile broadband with satellite GPS
- GPS (SiRFstarIII™)
- 3MP camera with auto focus and LED light
- Barcode reader
- Insertable SmartCard reader (requires SSD)
- 13.56MHz Contactless RFID and SmartCard reader
  – ISO 15693 and 14443 A/B compliant
- Fingerprint reader
- 2nd USB port (replaces Ethernet port)
- 128GB and 256GB solid state drives (SSD) with heaters

SECURITY FEATURES

IT Equipment Safety (EN:EU, UL:US)	EN/IEC 60950-1 UL 60950-1
Medical Electrical Equipment Safety (EU)	EN/IEC 60601-1 (with battery operation)
Medical Electrical Equipment Safety (Canada)	CAN/CSA-C22.2 No.601.1-M90
IT Equipment EMI (US)	FCC CFR 47 P.15 Sub B-Class B
IT Equipment EMI (EU)	EN 55022/CISPR 22-Class B
IT Equipment EMS (EU)	EN 55024
Industrial EMI (EU)	EN 55011/CISPR 11-Class B
Radio (US)	FCC CFR 47 P.15 Sub C
Radio (Canada)	RSS-210
SAR (US)	FCC CFR 47 P.2

SELECT ACCESSORIES[10]

AC Adapter (3-prong)	CF-AA6373AM
Battery Pack	CF-VZSU53AW
4-Bay Battery Charger	CF-VCBU11U
LIND Car Adapter 120W	CF-LNDDC120
LIND Car/AC Adapter 90W (with USB port)	CF-LNDACDC90
LIND Car Adapter 90W MIL-STD	CF-LNDMLDC90
ToughMate H2 Shoulder Strap	TBCH1SS-BLK-P
ToughMate H2 Inversion Strap	TBCH1SSINV-P
ToughMate H2 Always-on Sleeve	TBCH2SLVE-P
ToughMate H2 Vinyl Always-on Sleeve	TBCH2VNLSLV-P
ToughMate U1/H2 Battery Pouch	TBCU1BPCH-P
Desktop Cradle/Spare 2-Bay Battery Charger	CF-VEBH21KU
Memory Card 4GB DDR3	CF-WMBA1204G
Magnetic Micro-dock (USB x2, LAN)	CF-VEBH12U
Gamber-Johnson Wall/Cart Mount	7160-0358-P
Gamber-Johnson Wall/Cart Mount (no electronics)	7160-0359
Gamber-Johnson Vehicle Dock (no pass-through)	7160-0348-P
Gamber-Johnson Vehicle Dock (no electronics)	7160-0349
Replacement Stylus	CF-VNP011U
Tether	CF-VNT003U
10.1" LCD Protector Film	CF-VPF13AU

Please consult your reseller or Panasonic representative before purchasing.

[1] Tested by a national independent third party lab following MIL-STD-810G Method 516.6 Procedure IV for transit drop test and IEC 60529 Sections 13.4, 13.6.2, 14.2.5 and 14.3 for IP65. Stylus has passed IP65 testing but has not been certified.
[2] For Windows® 8 Pro, please contact your reseller or Panasonic representative.
[3] Total usable memory will be less depending upon actual system configuration.
[4] 1GB = 1,000,000,000 bytes.
[5] 500 nit without ambient light assistance. Up to 6000 nit in clear, sunny conditions under direct sunlight.
[6] The size of the VRAM cannot be set by the user and varies by operating system as well as size of RAM. Windows 7 64-bit max. VRAM is 1696MB with 4GB of memory.
[7] Replaces Ethernet port.
[8] 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.
[9] Requires software and activation to enable theft protection.
[10] Accessories and Integrated Options may vary depending on your configuration. Visit Panasonic website for more accessories and details.

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