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 certified1 Toughbook H2 delivers a complete range of integrated wireless features including Wi-Fi, Bluetooth® and optional embedded 4G LTE or 3G Gobi™ mobile broadband. Add to that fast charging hot-swappable twin batteries for maximum uptime, optional integrated GPS and SmartCard reader, and you’ve got a handheld tablet PC that is unmatched in the field.

1.800.662.3537

panasonic.com/toughbook/H2
Panasonic recommends Windows 8.

**DURABILITY**
- MIL-STD-810G certified 6-ft drop, shock, vibration, rain, dust, salt, altitude, freeze/thaw, high/low temperature, temperature shock, humidity, explosive atmosphere
- MIL-STD-461F certified model
- IP65 certified sealed all-weather design
- Optional Class 1 Division 2, groups A/B/C/D 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 64-bit
- Panasonic Utilities (including Dashboard and Cleaning Reminder Tool), Recovery DVD

**CPU**
- Intel® Core™ i5-3427U vPro™ Processor
  - 1.80GHz with Turbo Boost up to 2.8GHz
  - Intel® Smart Cache (3MB)

**STORAGE & MEMORY**
- 4GB or 8GB SDRAM (DDR3L, 1333MHz)\(^1\)
- 500GB 7200rpm hard drive (shock-mounted and flex-connect)\(^2\)
- Optional 128GB reconnected flex-connect SSD\(^3\)

**DISPLAY**
- 10.1" XGA sunlight-viewable LED 1024 x 768 dual touch
  - TransflectivePlus and Panasonic CircuLumin\™ technology
  - 1600nit depending on viewing conditions and settings\(^4\)
  - Anti-reflective, anti-glare screen treatments and circular polarizer
  - Ambient light sensor
  - Intel® QM77 video controller, main 1547MB shared VRAM with 32-bit\(^5\)
  - External video support up to 1280 x 1024 at 16.7 million colors

**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
- USB 3.0 (upt. 2nd USB 2.0 port)\(^6\)
- Dedicated 19 pin
- Optional 1200/1000 Ethernet
- RJ-45

**WIRELESS**
- Optional integrated 4G LTE mobile broadband
- Optional integrated 3G GloBo™ mobile broadband
- 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 40-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)\(^7\)
- 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 v1.2
- Computrace\® theft protection agent in BIOS\(^1\)
- Intel® Anti-Theft Technology
- Fingerprinter
- 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**
- 4G LTE mobile broadband
- 3G GloBo™ mobile broadband (EV-DO Rev. A, HSPA)
- GPS receiver
- 3MP camera with auto focus and LED light
- Barcode reader
- Insertable SmartCard reader (requires SSD)
- 13.3MHz Contactless RFID and SmartCard reader
- ISO 15693 and 14443 A/B compliant
- Fingerprinter
- 2nd USB port (replaces Ethernet port)
- 1280X80 solid state drive (SSD)

**SAFETY CERTIFICATIONS**
- IT Equipment Safety (EN/IEC, UL/US)
- Medical Equipment Safety (EU)
- Medical Electrical Equipment Safety (Canada)
- IT Equipment EMV (US)
- IT Equipment EMI (EU)
- IT Equipment EMI (US)
- Radio (US)
- Radio (Canada)
- SAR (US)

**SELECT ACCESSORIES**
1. AC Adapter (3-pin)
2. Battery Pack
3. 4 Bay Battery Charger
4. LND Car Adapter 120W
5. LND Car Adapter 90W (with USB port)
6. LND Car Adapter 90W ML-STD
7. ToughMate H2 Shoulder Strap
8. ToughMate H2 Inversion Strap
9. ToughMate H2 Always-on Sleeve
10. ToughMate H2 Vinyl Always-on Sleeve
11. ToughMate U1/H2 Battery Pouch
12. Desktop Cradle/Spare 2-Bay Battery Charger
13. Memory Card 4GB (no pass-through)
14. Magnetic Micro-dock (USB x2, LAN)
15. Gamber-Johnson Vehicle Dock
16. Gamber-Johnson Wall/Cart Mount
17. Magnetic Micro-dock (USB x2, LAN)
18. 4-Bay Battery Charger
20. 10.1" LCD Protector Film CF-VPF13AU
21. Tether CF-VNT003U
22. Replacement Stylus CF-VNP011U
23. Gamber-Johnson Vehicle Dock (no pass-through) 7160-0348-P
24. Gamber-Johnson Vehicle Dock (no electronics) 7160-0348-P
25. Replacement Stylus
26. Tough CF-VNT003U
27. Battery Charger CF-VEBH21KU
28. Memory Card 4GB OR3
29. Magnetic Micro-dock (USB x2, LAN)
30. Gamber-Johnson Vehicle Dock (no pass-through) 7160-0348-P
31. Memory Card 4GB OR3
32. Replacement Stylus
33. Tough CF-VNT003U
34. Battery Charger CF-VEBH21KU
35. Memory Card 4GB OR3
36. Magnetic Micro-dock (USB x2, LAN)
37. Gamber-Johnson Vehicle Dock (no pass-through) 7160-0348-P
38. Memory Card 4GB OR3
39. Replacement Stylus
40. Tough CF-VNT003U
41. Battery Charger CF-VEBH21KU

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 9A for transit drop test and IEC 60529 Sections 13.4, 13.6.2 14.2.5 and 14.3 for IP65. Style has passed IP66 testing but has not been certified.
2. Limited availability.
3. A full set of Windows XP and Windows 8 drivers are available at panasonic.com/toughbook/support.
4. Total usable memory will be less depending upon actual system configuration.
5. 1GB = 1,000,000,000 bytes.
6. 500 nit without ambient light assistance. Up to 600 nit in clear, sunny conditions under direct sunlight.
7. 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.
8. Replaces Ethernet port.
9. 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.
11. DISCLAIMER: Panasonic disclaims all express and implied warranties or conditions, including but not limited to merchantability, fitness for a particular purpose, title, non-infringement, and the accuracy or completeness of the information contained in this manual.
12. Accessories and Integrated Options may vary depending on your configuration. Visit Panasonic website for more accessories and details.

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