



Panasonic recommends Windows.

TOUGHBOOK 53

- 14" High Definition (720p) LED Display
- Sunlight-viewable Touchscreen with Panasonic CircuLumin™ Technology¹
- Magnesium Alloy Case with Handle
- Drop and Spill-resistant
- Optional 4G LTE Multi Carrier Mobile Broadband with Satellite GPS
- Industry leading driver packages for ease of deployment and support

MIL-STD-810G

3-FOOT
DROP RATING

ENHANCED PERFORMANCE AND VERSATILITY FROM THE ORIGINAL SEMI-RUGGED LAPTOP MANUFACTURER.

In 1998, Panasonic created the first semi-rugged computer. Today, the Panasonic Toughbook® 53 features a 14" HD LED display, the latest Intel® Core™ processors and an oversized multi touch touchpad. Options for a sunlight-viewable Panasonic CircuLumin™ touchscreen, backlit keyboard, dedicated GPS, 4G LTE multi carrier mobile broadband with satellite GPS, integrated webcam and choice of insertable or contactless SmartCard reader, make this the most versatile semi-rugged PC ever.

TOUGHBOOK 53

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SOFTWARE	■ Windows® 10 Pro (available Windows® 7 Professional downgrade option) ■ Panasonic Utilities (including Dashboard), Recovery Partition ■ Enterprise ready driver packages including CAB files and one-click driver bundles		
DURABILITY	■ MIL-STD-810G certified (3' drop, shock, vibration, dust, altitude, high/low temperature, temperature shock, humidity) ■ Spill-resistant keyboard ■ Magnesium alloy case with handle ■ Optional storage drive heater ■ Shock-mounted caged storage drive ■ Removable quick-release battery and storage drive ■ Field upgradeable 4G LTE ■ Pre-installed replaceable screen film for LCD protection¹		
CPU ²	■ Intel® Core™ i5-4310U vPro™ Processor – 2.0GHz with Turbo Boost up to 3.0GHz – 3MB cache		
STORAGE & MEMORY	■ 4GB, 8GB or 16GB SDRAM (DDR3L-1600MHz)³ ■ Shock-mounted storage drive with quick-release – 500GB 7200rpm HDD (Elite models), 320GB 5400rpm HDD (Lite model)³ – Optional hard drive heater – Optional 256/512GB SSD with heaters³		
DISPLAY	■ 14.0" HD 1366 x 768 ■ Optional touchscreen⁴ – 2-850 nit – Panasonic CircuLumin™ technology – Anti-reflective (AR), anti-glare (AG), and circular polarizer ■ Anti-reflective (AR) and anti-glare (AG) screen treatments ■ Intel® HD graphics 4400 ■ Triple monitor support ■ Concealed mode (configurable)		
AUDIO	■ Intel® High Definition Audio compliant ■ Integrated stereo speakers ■ Keyboard volume and mute controls		
KEYBOARD & INPUT	■ Stylus pen with integrated stylus holder, tether and cleaning cloth¹ ■ 87-key with dedicated Windows® Key ■ Optional backlit emissive keyboard ■ Electrostatic touchpad with multi touch		
DVD DRIVE	■ DVD Super MULTI Drive		
INTERFACE & EXPANSION	■ Docking connector ■ USB 3.0 (x 2), USB 2.0 (x 2) ■ SD card (SDXC) ■ Optional IEEE 1394a (FireWire)^{4,5} ■ HDMI ■ VGA ■ 10/100/1000 Ethernet ■ Optional 2nd LAN 10/100/1000 (Ethernet)^{4,5} ■ Headphones/speaker ■ Microphone ■ Serial ■ Optional 56K Modem^{4,5} ■ ExpressCard/54 ■ PC Card	100-pin Type A - UHS-I 4-pin Type A - D-sub 15-pin - RJ-45 - RJ-45 - Mini-jack stereo - Mini-jack stereo - D-sub 9-pin - RJ-11 34mm or 54mm Type II	
WIRELESS	■ Optional 4G LTE multi carrier mobile broadband with satellite GPS ■ Optional GPS (u-blox NEO-M8N) ■ Optional dual high-gain antenna pass-through⁵ ■ Optional contactless SmartCard/RFID HF reader ■ Intel® Dual Band Wireless-AC 7260 Wi-Fi 802.11a/b/g/n/ac ■ 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 ■ Slide on/off switch		
POWER	■ Li-Ion battery pack: – Elite models (long life battery): 10.8V, typical 6750mAh, min. 6300mAh – Lite model (lightweight battery): 10.8V, typical 4500mAh, min. 4200mAh ■ Battery operation⁶: – Elite models: 15 hours – Lite model: 10 hours ■ Battery charging time: 2 hours⁶ ■ AC Adapter: AC 100V-240V 50/60Hz, auto sensing/switching worldwide power supply		
POWER MANAGEMENT	■ Suspend/Resume Function, Hibernation, Standby		
SECURITY FEATURES	■ Password Security: Supervisor, User, Hard Disk Lock ■ Kensington cable lock slot ■ Trusted platform module (TPM) security chip v.1.2 ■ Persistence® technology by Absolute embedded in BIOS⁷ ■ Optional fingerprint reader^{4,8} ■ Optional insertable SmartCard reader ■ Optional contactless SmartCard/RFID HF reader^{4,8} – ISO 15693 and 14443 A/B compliant		

WARRANTY	■ 3-year limited warranty, parts and labor	
DIMENSIONS & WEIGHT	■ 11.1"(L) x 13.4"(W) x 1.8-2.2"(H) ■ 5.6 lbs. (Lite model), 5.8 lbs. (Elite model), 6.5 lbs. (Elite model with touch)	
INTEGRATED OPTIONS ⁹	■ 4G LTE multi carrier mobile broadband with satellite GPS ■ Dedicated GPS (u-blox NEO-M8N)^{4,5} ■ 720p webcam and digital mic⁴ ■ Backlit emissive keyboard ■ 2nd LAN or FireWire or RJ-11 modem or dual antenna pass-through^{4,5} ■ Insertable SmartCard reader ■ Contactless SmartCard/RFID HF reader^{4,8} ■ Fingerprint reader^{4,8} ■ Hard drive heater ■ 256/512GB SSD with heaters	
SELECT ACCESSORIES ⁹	■ AC Adapter 100W (3-prong) ■ Long Life Battery Pack ■ Lightweight Battery Pack ■ Battery Charger ■ LIND 3-Bay Battery Charger ■ LIND Car Charger 120W ■ LIND Solar Charge System ■ ToughMate Always-on 53 Case ■ ToughMate ComUniversal Carrying Case (large capacity) ■ ToughMate Backpack ■ Memory Card 4GB ■ Memory Card 8GB ■ Desktop Dock ■ Vehicle Docks (no pass-through) – Gamber-Johnson with LIND power supply – Havis with LIND power supply ■ Vehicle Docks (dual pass-through) – Gamber-Johnson with LIND power supply – Havis with LIND power supply ■ Cradlepoint Router – Verizon – AT&T ■ Touchscreen Stylus ■ Tether ■ 14.0" LCD Protector Film	- CF-AA5713AM - CF-VZSU71U - CF-VZSU72U - CF-VCBTB2W - PACH329-1857-P - CF-LNDDC120 - PASC1580-4464 - TBC53AOC5-P - TBCCOMUNV-P - TBCBPK-P - CF-WMBA1304G - CF-WMBA1308G - CF-VEB531U 7160-0393-04-P - CF-H-PAN-412-P 7160-0393-06-P - CF-H-PAN-412-2-P - CP-IBR1100LPE-VZ - CP-IBR1100LPE-AT - CF-VNP009U - CF-VNT002U - CF-VPF17U

Please consult your reseller or Panasonic representative before purchasing.

¹ Touchscreen model only.

² An Intel® Core™ i7 processor is also available.

³ 1GB = 1,000,000,000 bytes. Total usable memory will be less depending upon actual system configuration.

⁴ Not available on Lite model.

⁵ GPS comes standard with dual pass. GPS is not available with FireWire, RJ-11 or 2nd LAN.

⁶ 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.

⁷ Requires software and activation to enable theft protection.

⁸ Fingerprint and contactless SmartCard are mutually exclusive.

⁹ Accessories and Integrated Options may vary depending on your notebook configuration. Visit Panasonic website for more accessories and details.



1.800.662.3537
us.panasonic.com/toughbook/53

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