THE WORLD’S LIGHTEST AND THINNEST SEMI-RUGGED LAPTOP IN ITS CLASS.

The Toughbook® 54 laptop from Panasonic uses the latest advances to create a laptop up to 2 lbs. lighter and 0.5” thinner than the competition. It features a spill-resistant, full magnesium alloy design, hard drive heater, backlit keyboard, and is available in four different models to suit every need. The Toughbook 54 has a wide range of integrated options, such as dedicated GPS, 4G LTE mobile broadband with satellite GPS on select models, antenna pass-through, and insertable and contactless SmartCard CAC readers.

14” HD (768p) and FHD (1080p) displays
Available daylight-readable 1000 Nit gloved multi touch display
Desktop class performance with available discrete graphics and dual fans
MIL-STD-810G and IP51 certified magnesium alloy design with built-in handle
Available 2nd drive, hot-swappable 2nd battery, 2nd LAN, Serial, DVD, antenna pass-through, SmartCard readers and more
Industry leading driver packages for ease of deployment and support
Available TPM 2.0 Security¹
Available with P.180 for seamless global connectivity¹³

Panasonic recommends Windows.
SOFTWARE
- Windows® 10 Pro 64-bit
- Panasonic Utilities (including Dashboard, Recovery Partition)
- Enterprise ready driver packages including CAM files and one-click driver bundles

DURABILITY
- MIL-STD-810G certified (3’ drop, shock, vibration, sand, dust, altitude, high/low temperature, high/low humidity, temperature shock, humidity)
- IP55 certified
- Spill-resistant keyboard
- Magnesium alloy case with handle
- Storage drive heater
- Shock-mounted cabled storage drive
- Removable quick-release battery and storage drive
- Dual fans (Performance model)
- Preinstalled replaceable screen film for LCD protection (Gloved Multi Touch model)

OPERATING SYSTEM
- 7th Gen CPU models:
  - Intel® Core™ i5-7300U vPro™ processor
    - 2.6GHz with Turbo Boost up to 3.0GHz, 4MB cache
  - Intel® Core™ i7-7600U vPro™ processor
    - 2.4GHz with Turbo Boost up to 3.5GHz, 4.0MB cache
  - Intel® HD Graphics 620 (all models)
  - AMD Radeon™ Pro WX 4150 (Performance model)
  - Intel® HD Graphics 620 (all models)
  - AMD Radeon™ Pro WX 4150 (Performance model)
- Memory (RAM) - 2 slots upgradeable
- Intel® HD Graphics 620 (all models)

DISPLAY
- Display Size and Resolution:
  - Gloved Multi Touch model: 14.0" FHD 10-p capacitive 1920 x 1080 (1100 nit)
  - Performance model: 14.0" FHD 1920 x 1080
  - Prime and Lite models: 14.0" 1366 x 768
- IPS with direct bonding on FHD displays
- Anti-refractive (AR) and anti-grease (AG) screen treatments
- Triple monitor support through HDMI and optional VGA
- Concealed modules (configurable)

AUDIO
- Integrated dual microphone
- Intel® High Definition Audio compliant
- Integrated speakers
- Volume knob and mute controls

CAMERAS
- 1080p webcam with dual mic and camera on/off indicator (optional on 6th Gen CPU models, standard on all 7th Gen CPU models except Lite model)
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KEYBOARD & INPUT
- Gloved Multi Touch model: Stylos pen, stylus holder and cleaning cloth are optional
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DVD DRIVE
- Optional DVD Super Multi Drive

INTERFERENCE & EXPANSION
- Docking Connector
- USB 3.0 (x 3)
- Optional USB 2.0 (x 2)
- Type A (including one 1.5A port)
- Optional Fischer® USB (Core Series) 5-pin
- Type A
- SD-cards
- USB-ports
- Optional VOA
- 15/100/1000 Ethernet
- Audio In/Out
- Optional Serial (CMOS)
- Optional PCI card
- Mini-SIM
- 2FF

WIRELESS
- 802.11a/b/g/n/ac 2.4GHz and 5GHz
- Bluetooth® v4.2 + EDR

POWER
- Li-Ion battery pack:
  - Lite model (lightweight battery): 10.8V, typical 3220mAh, min. 3050mAh
  - Other models (long life battery): 11.1V, typical 4200mAh, min. 4080mAh
  - Media bay 2nd battery: 11.1V, typical 2960mAh, min. 2860mAh
- Battery charger:
  - Lite model (lightweight battery): 11.1V, typical 2960mAh, min. 2860mAh
  - Other models (long life battery): 11.1V, typical 2960mAh, min. 2860mAh
- Battery charging time: 2.5 hours with optional 2nd battery
- Quick charge: 90% charge in approx. 1 hour

AC Adapter:
- AC 100-240V 50/60Hz, auto sensing/switching worldwide power supply

SECURITY FEATURES
- TPM 2.0 (on 7th Gen CPU models) available
- NIST BIOS compliant
- Persistence® technology by Absolute embedded in BIOS®
- Kensington cable lock slot
- Optional fingerprint reader
- Optional contactless SmartCard CAC reader (bottom)
- Optional SmartCard CAC reader (bottom)
- Serial
- VOA

SELECT ACCESSORIES
- AC Adapter 100W (3-pro) CF-AA713AM
- Long Life Battery Pack CF-VZSU1PW
- Lightweight Battery Pack CF-VZSU11W
- Media Bay 2nd Battery Pack CF-VZSU1K3
- Battery Charger CF-VBTR3W
- LIND Car Charger 120W CF-LNDD120
- LIND Solar Charger System PAS15S100-4A64
- ToughMate Always-on Case TBC54CSCS-P
- ToughMate ComUniversal Carrying Case TBCOMUNY-P
- ToughMate Backpack
- Memory Cards
  - USB 3.0 (all models)
  - SD Card (6th Gen CPU models)
  - UHS-II SD Card (6th Gen CPU models)
  - CF Card (7th Gen CPU models)
- Docking Station
- Vehicle Dock (no pass-through)
- Gamber-Johnson with LIND power supply
- Vehicel Dock (no pass-through)
- Gamber-Johnson with LIND power supply
- AntennaPlus Dual LTE & GPS Antenna Kit
- Threaded Black Mount
- Gloved Multi Touch Stylos
- 14.0" Gloved Multi Touch LCD Protective Film CF-VPF29U
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- 14.0" Gloved Multi Touch LCD Protective Film CF-VPF29U

Please consult your reseller or Panasonic representative for purchasing.

For Toughbook 54 specifications and accessories, please visit Panasonic’s website for more information.

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