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

The Panasonic TOUGHBOOK® 55 breaks new ground offering unrivaled flexibility in even the most demanding and unpredictable environments with its innovative modular expansion packs. I/O, optical drives, authentication readers, and even discrete graphic expansion packs are user-upgradeable. Backwards compatibility with the previous generation of docks protects customers’ investments while saving time and resources. Built with state of the art technology, the TOUGHBOOK 55 offers the latest Intel® 8th Gen vPro™ quad-core processors, up to 64GB of RAM, up to 2TB of storage, all-day battery life, 4 microphones provide unparalleled speech recognition accuracy, color-selectable backlit keyboard, crisp and powerful 92db speakers, faster and more secure Wi-Fi, and a 25% larger touchpad.

Panasonic recommends Windows.

1.800.662.3537
na.panasonic.com/us/TOUGHBOOK55
TOUGHBOOK 55

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

DURABILITY
- MIL-STD-810H certified IP53 [drop, shock, vibration, sand, dust, altitude, freeze/thaw, high/low temperature, high temperature tactical, temperature shock, humidity]
- IP53 certified
- ASTM D4169-16 certified
- Spill-resistant keyboard
- Magnesium alloy case with handle
- Storage drive heater
- Caged storage drive
- User-removable quick-release battery and storage drive
- User-removable modular expansion packs, RAM and keyboard

OPERATING SYSTEM
- CPU
  - Intel® Core™ i5-8365U vPro™ processor
  - 1.6GHz with Turbo Boost up to 4.1GHz, 6MB cache
  - Intel® Core™ i7-8550U vPro™ processor
  - 1.9GHz with Turbo Boost up to 4.0GHz, 8MB cache
- Graphics
  - Intel® UHD Graphics 620
  - Optional AMD Radeon™ Pro WX 4150 (expansion pack)
- Memory RAM [2 slots user-upgradeable]
  - 8GB to 64GB total (DDR4-2133MHz x2)
- Main Storage Drive
  - Caged with heater [quick-release]
  - 512GB or 1TB M.2 SSD
  - Optional OPAL encrypted SSD
  - Optional 2nd Storage Drive caged with heater [quick-release]
  - 512GB or 1TB M.2 SSD

DISPLAY
- Display Size and Resolution
  - 14.0” HD 1366 x 768
  - 13.56MHz (ISO 14443 A/B compliant)
- IPS with direct bonding
- Anti-reflective (AR) and anti-glare (AG) screen treatments
- External monitor support through HDMI, USB-C and optional VGA
- Concelled Mode [configurable]
- Day/Night Mode [configurable]

AUDIO
- Integrated dual speakers [up to 92dB]
- Intel® High Definition Audio compliant
- Keyboard volume and mute controls

CAMERAS
- 1080p webcam with privacy cover and infra-red array microphones (4 mics)
- Infrared with Windows Hello support

KEYBOARD & INPUT
- Touch FHD model: Stylus pen, stylus holder and cleaning cloth
- Touch FHD model: Supports glove mode
- User-removable 87-key US keyboard
  - 4 user-definable keys [A-J]
- Color-selectable emissive backlight keyboard with 4 adjustable levels
- 5 backlight keyboard icons (Caps lock, Num Lock, Scroll Lock, Storage Drive, SD Card)
- Electroluminescent touchpad with multi-touch

OPTICAL DRIVE
- Optional Blu-ray Drive [expansion pack]
- Optional DVD Drive [expansion pack]

INTERFACE
- Docking Connector
  - 24-pin
- USB-A: 3.1 Gen 1 x2 (optional 2nd USB-A)
- USB-C: 3.1 Gen 1 with optional Power Delivery Type C
- Optional rugged Fischer® USB (Core Series) 5-pin [including one 1.5A port]
- MicroSD/SD
- HDMI
  - 2.0
- 1 Gbps Ethernet (optional 2nd LAN)
- Audio In/Out
  - 3.5mm Mini-jack stereo
- Optional Serial [True]
- NanoSIM

WIRELESS
- Opt. 4G LTE EM7511 Band 14 multi carrier mobile broadband with satellite GPS
  - Certified with AT&T®, Verizon and Fido
- Optional dedicated GPS (u-blox NEO-M8N)
- Optional dual high-gain antenna pass-through
- Intel® Wireless-AC 9560 Wi-Fi 802.11ac/b/g/n/ac
  - Up to 1.7 Gbps and up to 256-bit AES encryption
- Bluetooth® v5.0 [Class 1]
- Airplane mode

POWER
- Li-ion battery pack
  - 10.8V, typical 6500 mAh, min. 6300 mAh
  - 20 hours (with opt. 2nd battery)
  - 19 hours (with optional 2nd battery)
  - 14.0S battery pack
  - 19 hours (with optional 2nd battery)
  - 7170-0251-P
  - 14.0” Screen Protector
  - Screws Set (set of 9 locking/replacement)
- Rear Expansion Area
  - VGA + Serial + USB-A xPAK
  - VGA + Serial + LAN xPAK
  - VGA + Serial + Rugged Fischer USB xPAK
- Front Expansion Area
  - Fingerprint Reader xPAK
  - Contactless SmartCard Reader xPAK
  - Insertable SmartCard xPAK
  - TOUCHBOOK Universal Bay Expansion Area:
  - Insertable SmartCard xPAK
  - Blu-ray Drive xPAK
  - DVD Drive xPAK
  - AMD Dedicated Graphics xPAK
  - 512GB SSD 2nd Drive xPAK
  - 2nd SSD Drive xPAK
  - 512GB SSD Main Drive
  - 1TB SSD Main Drive

SECURITY FEATURES
- TPM 2.0
- NGT BIOS compliant
- Intel vPro™ including Intel® Hardware Shield
- Persistence® technology by Absolute embedded in BIOS®
- Kensington cable lock slot
- Optional unlocking screws for SSD and expansion packs
- Optional touch fingerprint reader [expansion pack]
- Optional insertable SmartCard CAC readers - up to 2 expansion packs
- Optional contactless SmartCard CAC reader [expansion pack]

WARRANTY
- 3-year limited warranty, parts and labor

DIMENSIONS & WEIGHT
- 10.7” x 13.6” (W) x 1.3” (H)
- 4.6 lbs. [HD model], 4.9 lbs. [Touch FHD model]

INTEGRATED OPTIONS
- 4G LTE Band 14 EM7511 multi carrier mobile broadband with satellite GPS
- Optional dedicated GPS
- Dual antenna pass-through
- Rear Expansion Area: VGA-Serial+USB-A or VGA-Serial+Rugged Fischer USB or VGA-Serial+LAN

TOUGHBOOK Universal Bay Expansion Area: Insertable SmartCard CAC Reader or DVD Drive or Blu-ray Drive or AMD Dedicated Graphics or 2nd SSD Drive

SELECT ACCESSORIES
- AC Adapter 100V (3-prong)
- Battery Pack
- 4-Bay Battery Charger
- LIND Car Charger 70W
- LIND Solar Charge System
- ToughMate ComUniversal Carrying Case
- ToughMate Backpack
- Memory Cards (RAM)
- 8GB DDR4
- 16GB DDR4
- Docking Dock
- Vehicle Dock (dual pass-through)
- Garmin-Johnson with LIND power supply
- Han’s with LIND power supply
- AntennaPlus Dual LTE & GPS Antenna Kit
- Threaded Black Mount
- Threaded White Mount
- Stylus Pen [for Touch models]
- Toher
- 14.0” Screen Protector
- Screws Set (set of 9 locking/replacement)
- Hard Drive Reader xPAK
- Contactless SmartCard Reader xPAK
- Insertable SmartCard xPAK
- TOUCHBOOK Universal Bay Expansion Area:
- Insertable SmartCard xPAK
- Blu-ray Drive xPAK
- DVD Drive xPAK
- AMD Dedicated Graphics xPAK
- 512GB SSD 2nd Drive xPAK
- 2nd SSD Drive xPAK
- 512GB SSD Main Drive
- 1TB SSD Main Drive

LIND Solar Charge System
- AC Adapter 100W (3-prong)
- Battery Pack
- 4-Bay Battery Charger
- LIND Car Charger 70W
- LIND Solar Charge System
- ToughMate ComUniversal Carrying Case
- ToughMate Backpack
- Memory Cards (RAM)
- 8GB DDR4
- 16GB DDR4
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- 512GB SSD 2nd Drive xPAK
- 2nd SSD Drive xPAK
- 512GB SSD Main Drive
- 1TB SSD Main Drive

Please consult your Panasonic or representative before purchasing.

1. Tested by national independent third party lab following MIL-STD-810H Method 6166 Procedure W for transit drop test and IEC 68-2-23 Section 12A, 12B, 14.2, 14.3 and 15.4 for [IPS].
2. Keyboard is non-replaceable, but may be removed, the email keyboard must be discarded.

Insertable SmartCard CAC Reader, ODD Drive, Blu-ray Drive, AMD Dedicated Graphics and 2nd SSD Drive in TOUGHBOOK Universal Bay Area are mutually exclusive.

4GB RAM, 256GB SSD and/or 1000+ 1080P non-touch is available but requires special order. Please contact a Panasonic representative for details.

VGA-Serial+USB-A or VGA-Serial+Rugged Fischer USB or VGA-Serial+LAN in Rear Expansion Area are mutually exclusive.

1TB SSD in 512GB SSD or 1TB SSD in Rear Expansion Area: mutuamente exclusivo.

Battery performance features such as charge time and life span vary according to the conditions under which the computer and battery are used. Battery operation and extra time will vary based on many factors, including screen brightness, applications, features, power management, battery conditioning and other customer preferences. Battery testing results from NotebookMark 2014 at 75% and using non-cellular mobile broadband.

2nd Battery or Fingerprint Reader or Contactless SmartCard CAC or Insertable SmartCard CAC in Front Expansion Area are mutually exclusive.

Requires software and activation to enable theft protection.

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