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.
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 for drop, shock, vibration, sand, dust, altitude, freeze/thaw, high/low temperature, high temperature tactical, temperature shock, humidity1, and IP65 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 keyboard2

OPERATING SYSTEM
- CPU:– Intel® Core™ i7-8665U vPro™ processor
  - 1.9GHz with Turbo Boost up to 4.8GHz, 8MB cache
- Graphics:– Intel® UHD Graphics 620
- Memory RAM:– 2 slots user-upgradable
- Display Size and Resolution:– 14.0" HD 1366 x 768
– 14.0" FHD 1920 x 1080
– 10.8V, typical 6500 mAh, min. 6300 mAh

DISPLAY
- Display Size and Resolution:– 14.0" HD 1366 x 768
– 14.0" FHD 1920 x 1080

POWER
- Li-Ion battery pack:– > 10.8V, typical 6500 mAh, min. 6300 mAh
- Battery operation:– > HD model: 20 hours (40 hours with opt. 2nd battery)
– Touch FHD model: 19 hours (38 hours with opt. 2nd battery)
- Fast swap with optional 2nd battery
- Battery charging time: 3 hours (battery charger)
- AC Adapter:– AC 100V-240V worldwide power, auto sensing/switching

WARRANTY
- 3-year limited warranty, parts and labor

DIMENSIONS & WEIGHT
- 10.7" (L) 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
- Front Expansion Area: 2nd Battery or Fingerprint Reader or Contactless SmartCard CAC or Insertable SmartCard CAC
- TOUCHBOOK 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:– 100W (3-prong)
- Battery Pack
- 4-Bay Battery Charger
- LIND Car Charger
- LIND Solar Charge System
- ToughMate ComUniversal Carrying Case
- ToughMate Backpack
- Memory Cards (RAM)
- Battery operation7:
  - HD model: 20 hours (40 hours with opt. 2nd battery)
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Audio:
- Integrated audio:– 3.5mm Mini-jack stereo
- Optional Audio In/Out
- Optional Docking Connector
- HDMI
- Optional Optical Drive
- Optional Blu-ray Drive
- Optional DVI Drive

Camera:
- 1080p webcam with privacy cover and tetra-array microphones (4 mics)
- Built-in microphone

Keyboard & Input:
- Touch FHD model: Stylus pen, stylus holder and cleaning cloth
- Touch FHD model: Supports glove mode
- User-removable 87-key US keyboard3
- Color-selectable emissive backlit keyboard with 4 adjustable levels
- Optional 2nd Storage Drive caged with heater (quick-release)
- Optional OPAL encrypted SSD
- Optional 512GB or 1TB M.2 SSD

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ToughMate Backpack  TBCBPK-P
- ToughMate Universal Bay Area: Insertable SmartCard xPAK
- ToughMate Universal Bay Area: Insertable SmartCard Reader xPAK
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SECURITY FEATURES
- TPM v2.0
- NIST FIPS compliant
- Intel® vPro™ including Intel® Hardware Shield
- Persistence technology by Absolute included in BIOS
- Kensington cable lock slot
- Optional locking 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)

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Please consult your reseller or Panasonic representative before purchasing.

1 Tested by national independent third party lab following MIL-STD-810H Method 516.8 Procedure IV for transit test and SAE ARP 4754A.

2 CPU, memory and storage are user-upgradable to meet changing requirements.

3 Optional contactless SmartCard CAC reader (expansion pack) is available in select models.

4 4GB RAM, 32GB SSD and/or FHD 1080P are not available but requires special order. Please contact a Panasonic representative for details.

5 Requires software and activation to enable theft protection.

6 VGA+Serial+USB-A or VGA+Serial+USB-B or VGA+Serial+USB-C or VGA+Serial+LAN

7 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 2014 at 1080P and using no cellular mobile broadband.

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