AWARD WINNING MODULAR DESIGN AND ALL-DAY BATTERY LIFE

The Panasonic TOUGHBOOK® 55 breaks new ground offering unrivaled flexibility in even the most demanding and unpredictable environments with its innovative modular expansion packs (xPAK’s). I/O, optical drives, authentication readers, and even the new barcode reader xPAK are all 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® 11th 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, and blazing fast Wi-Fi 6.

• Innovative modular design and user-removable xPAK’s offer unparalleled customization
• Unprecedented battery life — up to 38 hours MobileMark 2014 with optional 2nd battery
• MIL-STD-810H and IP53 certified magnesium alloy design with built-in handle
• Backwards compatibility with the previous generation of vehicle and desktop docks
• State of the art technology including infrared webcam with tetra-array microphones and privacy cover

na.panasonic.com/us/TOUGHBOOK55 | 1-888-245-6344
## SOFTWARE
- Windows® 10 Pro 64-bit
- Panasonic Utilities and Recovery Partition

## POWER
- Li-ion battery:
  - HD model: 19 hours
  - Touch FHD model: 18 hours
- Hot swap with optional 2nd battery
- Battery charging time: 3 hours (each battery)

## SECURITY FEATURES
- Intel® Hardware Shield
- Secured-core PC
- TPM v.2.0
- NIST BiOS compliant
- Persistence technology by Absolute embedded in BIOS
- Kensington cable lock slot

## WARRANTY
- 3-year limited warranty, parts and labor

## INTEGRATED OPTIONS
- 4G LTE multi carrier with satellite GPS (Band 14 EM7511)
- Dedicated GPS (u-blox NEO-M8N)
- Dual antenna pass-through
- Rear Expansion Area: VGA+Serial+USB-A or VGA+Serial+Fischer USB or VGA+Serial+LAN
- Front Expansion Area:
  - Barcode Reader
  - Front Expansion Area: 2nd Battery or Fingerprint Reader or Contactless SmartCard CAC or Insertable SmartCard CAC
- TOUGHBOOK Universal Bay Expansion Area: 10/100/1000 Mbps Card Reader (xPAK)7 or DVD Drive or Blu-ray Drive or 2nd SSD Drive

## xPAKs
- Rear Expansion Area
  - VGA+Serial+USB-A
  - Front Expansion Area:
    - Fingerprint Reader
    - Contactless SmartCard
    - Insertable SmartCard
- TOUGHBOOK Universal Bay Expansion Area:
  - Barcode Reader
  - Front Expansion Area: 2nd Battery or Fingerprint Reader or Contactless SmartCard CAC or Insertable SmartCard CAC

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

## SPEC SHEET

Please consult your reseller or Panasonic representative to learn more about the TOUGHBOOK 55 and the wide variety of accessories and services offered.

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1. Tested by national independent third party lab following MIL-STD-810H Method 516.8 Procedure IV for transit drop test and IEC 60529 Sections 13.4, 13.6.2, 14.2.5 and 14.3.4 for IP65.
2. Keyboard is user-replaceable, but once removed, the old keyboard must be discarded.
3. 16GB = 1,000,000,000 bytes. Total usable memory will be less depending upon actual system configuration.
4. Units equipped with two DIMM (memory cards) come with Intel Iris Xe graphics instead of Intel UHD graphics.
5. FDD 1000 nit non-touch model is available but requires special order. Please contact a Panasonic representative for details.
6. Barcode Reader, Insertable SmartCard CAC Reader, DVD Drive, Blu-ray Drive and 2nd SSD Drive in TOUGHBOOK Universal Bay area are mutually exclusive.
7. VGA+Serial+USB-A or VGA+Serial+Fischer USB or VGA+Serial+LAN in Rear Expansion Area are mutually exclusive.
8. The module firmware and the device antenna system have obtained technical approval by commercial carriers in the US. It is customer’s responsibility to assure that the module firmware and the device antenna system are compatible with the customer’s Private LTE network using Band 48.
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. Battery test results from MobileMark 2014 at 150 nit and using no cellular mobile broadband.
10. Battery or Fingerprint Reader or Contactless SmartCard CAC or Insertable SmartCard CAC in Front Expansion Area are mutually exclusive.
11. Requires software and activation to enable theft protection.