

Panasonic Toughbook 55



Specifications

Durability

- MIL-STD-810G certified (**3' drop, shock, vibration, dust, altitude, high/low temperature, temperature shock, humidity**)
- Spill-resistant keyboard
- IP53 Certified
- Magnesium alloy case with handle
- Shock-mounted flex-connect hard drive with quick-release
- Pre-installed replaceable screen film

Software

- Windows® 10 Pro 64bit
- AMRSS Route Software

CPU

- Intel® Core™ i5-8365U 1.6GHz vPro™ Processor
 - 1.6GHz with Turbo Boost up to 4.1GHz
 - Intel Smart Cache 6MB

Storage & Memory

- 8GB SDRAM (DDR4L-1233MT/s)
- Shock-mounted flex-connect hard drive with quick-release
 - 512GB SSD
 - Optional hard drive heater
 - Optional 256GB/1TB SSD

Display

- 14.0" FHD 1920 x 1080
- Concealed mode (configurable)

Audio

- Intel® high-definition audio compliant
- Intergrated dual speakers (up to 92db)
- Keyboard volume and mute controls

Dimensions & Weight

- 10.7"(L) x 13.6"(W) x 1.3"(H)
- 4.9 lbs.

Warranty

- 3-year limited warranty, parts and labor [by Panasonic](#)



Keyboard & Input

- Touchscreen : Stylus pen, stylus holder and cleaning cloth. Supports glove mode and rain mode
- 87-key with dedicated Windows key
- Emissive backlit keyboard with 4 adjustable levels

Multimedia Bay

- Optional DVD Super MULTI Drive

RG3 Meter Company

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Interface

- Docking connector 24 pin
- USB-A 3.0 (x 2)
- USB-C (1)
- Optional Rugged Fischer USB (Core Series)
- SD Card (SDXC)
- HDMI
- Optional VGA
- 10/100/1000 Ethernet
- Audio In/Out
- Optional Serial (true)
- Optional PC card
- Mini-SIM

Wireless

- 4G LTE multi carrier mobile broadband w/satellite GPS
- Certified with Verizon, AT&T, Sprint, and P.180
- Dedicated GPS
- Intel Dual Band Wireless - AC 8260 Wi-Fi 802.11
- Bluetooth v4.1 + EDR
- Slide on/off switch

Power Supply

- Li-ion Battery pack 19 hours run time
- Battery charging time: 2 hours
- Optional Long life Li-Ion battery pack (10.8V, typical 6750mAh, minimum 6300mAh)
- AC Adapter: AC 100V-240V 50/60Hz, auto sensing/switching worldwide power supply

Power Management

- Suspend/Resume Function, Hibernation, Standby, ACPI BIOS

Security Features

- Password Security: Supervisor, User, Hard Disk Lock
- TPM v1.2 (TPM v2.0 available)
- NIST BIOS compliant
- Persistence technology by Absolute embedded in BIOS
- Kensington cable lock slot
- Optional fingerprint reader
- Optional insertable SmartCard reader
- Optional 13.56MHz contact-less SmartCard/RFID reader
 - ISO 15693 and 14443 A/B compliant

Integrated Options

- Optional 4G LTE multi carrier mobile broadband with satellite GPS
- Dual Antenna pass-through
- Dedicated GPS (u-blox) or 2nd Lan or 4th USB (2.0) or rugged Fischer USB
- PC Card or DVD drive or insertable SmartCard CAC (media bay) or media bay 2nd battery or stylus pen holder
- Contactless SmartCard CAC or fingerprint reader
- Insertable SmartCard CAC reader (bottom)
- Serial
- VGA

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