Panasonic CONNECT



10.1" fully rugged Windows 11 Pro Tablet

TOUGHBOOK G2 mk3 Standard

The TOUGHBOOK G2 is the next generation rugged device for mobile workforces. It offers all the benefits of the latest technology, while maintaining important access to legacy systems. All of this, wrapped up in a more flexible, secure and ultimately even more useable device.

Key Features

- Intel® Core™ Ultra5 processor 135U (with Intel vPro Technology)
- Windows 11 Pro
- 10.1" Active Matrix (TFT) colour LCD 1920 x 1200 (WUXGA) LCD with sunlight-viewable glove-enabled capacitive touchscreen (up to 1.000cd/m²), IP55 Digitiser
- IP65 Water and dust resistant****, Tested against MIL-STD 810H****
- Long battery life of up to 15 hours (Mobile Mark™ 25) with extended Battery

intel CORE ULTRA 5

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TOUGHBOOK G2 mk3 Standard

https://ap.connect.panasonic.com/my/en/products/toughbook/toughbook-g2-mk3-standard

Model	FZ G2 mk3 Standard, 16/32GB RAM, 512GB/1TB SSD
OS (Operating System)	Windows 11 Pro
CPU (Mobile Computing Platform) -> Processor	Intel® CoreTM Ultra5 processor 135U(with Intel vPro® Technology)
CPU (Mobile Computing Platform) -> Graphics chips	Intel® Graphics (Built-in CPU)
Memory (RAM) (RAM Standard / Maximum) (Main memory)	16GB / 32GB on board, LPDDR5x SDRAM
Storage	Opal SSD : 512 GB / 1 TB, Not removable SSD, Approx. 20GB is used as a partition with recovery tools., (Users cannot use this partition.), Apprx. 1GB is used as a partition with systems tools., (Users cannot use this partition.),
Display & Graphics	10.1” WUXGA (1920 ×1200 dots), Aspect ratio 16:10 Anti-Reflection, Internal LCD: Max. 16,777,216 colors (1920 × 1200 dots)
Wireless	Mobile Broadband*/**:Sierra Wireless™ EM7421(4G model)/Sierra Wireless™ EM9190(5G sub6 model) , Global Positioning***/****:u-blox NEO-M9Wi-Fi:Intel® Wi-Fi6E AX211, Bluetooth:v5.3; Classic mode/ Low Energy mode, Class 1*****/******/*******
I/O Ports (Interface)	USB 3.2 Gen 1 Type A:x1, Thunderbolt 4:x1, LAN:x1, IEEE 802.3 10Base-T / IEEE 802.3u 100BASE-TX / IEEE 802.3ab 1000BASE-T, Dual Antenna Connector:x1
Rear expansion area	Smart Card Reader, HF-RFID (NFC) Reader, Fingerprint Reader
Top Expansion Area	Serial, 2D Barcode Reader, 2nd USB 2.0, 2nd LAN, Thermal by FLIR, Micro-SD
Camera -> Front *	1920 x 1080p, 30fps(Video) / 1920 x 1080p(Still), Dual Microphone/with Camera Cover
Camera -> Rear	4096 x 2304p, 30fps(Video) / 4096 x 3072p(Still), with Camera Flash LED
Audio (Sound)	Intel® High Definition Audio subsystem support, Stereo speaker
Security	TPM (TCG V2.0 compliant)
Keyboard & Input (Keyboard)	x1
Pointing device -> Touchscreen (Touch panel)	Touch Pad
Dimensions -> Main Unit + Keyboard	FZ-VZSU1TU series / FZ-VZSU1UU series, 287 mm x 235 mm x 52.7 mm, 11.3” x 9.3” x 2.1”, (without protruding parts)
Dimensions -> Main Unit	FZ-VZSU1TU series, 279mm x 188mm x 23.5mm, 11.0” x 7.4” x 1.0” (without protruding parts), FZ-VZSU1UU series, 279mm x 188mm x 32.8mm, 11.0" × 7.4" × 1.3" (without protruding parts)********
Weight -> Main Unit + Keyboard	FZ-VZSU1TU series, Approx. 2.10 kg {4.63 lbs.}, FZ-VZSU1UU series, Approx. 2.21 kg {4.87 lbs.}
Weight -> Main Unit	FZ-VZSU1TU series, Approx. 1.19 kg {2.63 lbs.} , FZ-VZSU1UU series, Approx. 1.27 kg {2.80 lbs.} ********
Battery -> Battery Life	FZ-VZSU1TU series, With Keyboard Base: Approx. 10.5 hours , For tablet: Approx. 11.0 hours, FZ-VZSU1UU series, With Keyboard Base: Approx. 14.5 hours, For tablet: Approx. 15.0 hours*********/**********
Battery -> Charging time	FZ-VZSU1TU series, Power On: Approx. 2.5 hours, Power Off: Approx. 2.5 hours, FZ-VZSU1UU series, Power On: Approx. 3 hours, Power Off: Approx. 3 hours**********
Power Consumption	Approx. 110 W (maximum when recharging in the ON state)**********
Power (Power supply) -> AC adapter	Input: 100 V - 240 V AC, 50 Hz/ 60 Hz, Output: 15.6 V DC, 7.05 A, DC In:x1
Power (Power supply) -> Battery (Battery pack)	Li-ion 11.4V, 4360mAh (FZ-VZSU1TU) / Li-ion 10.8V, 6300mAh (FZ-VZSU1UU)
Power (Power supply) -> Hot Swap	Standby function, ACPI BIOS, Hot swap optional
Durability -> Drop resistance ***	Polywood: 120cm{4 feet} / 26 sides / Power Off, Concrete: 120cm{4 feet} / 6 sides / Power Off
Durability -> Dust resistance ***	IP65
Durability -> Water resistance ***	IP65
Operating temperature ***	-29 °C to 63 °C ****

Storage temperature	- 20 °C to 60 °C {-4 °F to 140 °F}
Included in Box	Power Supply, Power Cord, Display cleaning cloth and User Manual
Warranty	1 Year
Integrated Options	Port Replicator:x1
Electromagnetic Compatibility (EMC)	MIL-STD461G**********
Footnote Description	* Only for model with Wireless WAN The specifications may differ depending on the models. ** 4G module and dedicated GPS can operate simultaneously. 5G module and dedicated GPS are exclusive configurations. *** Exclusively configurable by selecting one from Wireless WAN(with GPS) and GPS. **** The 5Gmodel cannot be used. ***** Only for model with wireless LAN. ****** Does not guarantee operation of all Bluetooth peripherals. ******* The Bluetooth version depends on the Windows OS version. ******** Typical value. May differ depending on models and options. ********* Measured by MobileMark® 25. Varies depending on the usage conditions, or when an optional device is attached. Tested by Windows 11 22H2 OS version and may vary depending on the OS version. ********** Varies depending on the usage conditions, CPU speed, etc. ********** Approx. 0.5 W when the battery pack is fully charged (or not being charged) and the computer is off. Even when the AC adaptor is not connected to the computer, power is consumed (Max. 0.15 W) simply by having the AC adaptor plugged into an AC outlet. **********24 Do not expose the skin to this product when using the product in a hot or cold environment. (➡OPERATING INSTRUCTIONS - Read Me First) When using in hot or cold environment, some peripherals may fail to work properly. Check the operation environment of the peripherals. Using this product continuously in a hot environment will shorten the product life. Avoid use in these types of environments. When using in low tem-perature environment, startup may become slow or battery operation time may become short. The computer consumes power when the SSD is warming up during startup. Therefore, if you are using battery power and the remaining power is low, the computer may not start up. ********** UL 62368-1 Evaluated for use at ambient temperatures up to 35 °C {95 °F} when used with optional AC Power Adaptor and 40 °C {104 °F} when used without AC power adaptor. ********** Tested by an independent third-party lab following MIL-STD-461G