



# TOUGHBOOK 33 TABLET

## WINDOWS 10 PRO 12" FULLY RUGGED TABLET

TOUGHBOOK 33 TABLET, the 12.0" fully rugged device with hot swappable twin batteries and highly configurable capabilities brings unrivalled flexibility and performance for mobile business computing. Thanks to the optional detachable keyboard, the TOUGHBOOK 33 TABLET offers the best of all worlds for mobile workers. Target industries for the device include field service workers, maintenance and service technicians in utilities and telecommunications, as well as government agencies, defence, the police and other emergency services.

- Intel® Core™ i5-10310U vPro™ processor
- Windows 10 Pro
- Next generation Dual-touch (with digitizer) display with 3:2 aspect ratio
- 12.0" QHD (2160 x 1440) anti-reflective high brightness outdoor display (up to 1200cd/m<sup>2</sup>)
- Capacitive 10 finger multi-touchscreen with glove and rain modes
- Digitiser pen embedded in the tablet
- Optional detachable keyboard with various enterprise ports and backlit\* keys
- Fully rugged design with water and dust resistance (IP65)\*\*
- User exchangeable and hot-swappable twin batteries
- Up to 11 hours battery life with standard twin batteries (MobileMark™ 2014)
- Up to 22 hours battery life with extended\*\*twin batteries (MobileMark™ 2014)
- Flexible configuration port\*\*\* and business expansion module\*\*\*
- Optional vehicle mount



**TOUGHBOOK**



# Yesterday's Legend, Today's Leader.

TOUGH YET VERSATILE

Panasonic TOUGHBOOK 33 TABLET is one of the first tablets powered by the 10th Generation Intel® Core™ i5-10310U vPro™ processor, delivering incredible performance, and is shipping with Windows 10 Pro. It also has a rich set of business interfaces with additional customisable options to meet a worker's needs. With its hot swappable twin batteries and outdoor viewing, glove-enabled touchscreen, it's a versatile yet tough technology companion for mobile workers.



Mobile Computing Platform	Intel® Core™ i5-10310U vPro™ Processor	
Operating System	Windows 10 Pro	
RAM	16GB (max. 32GB) DDR4	
Storage	512GB OPAL NVMe SSD (1TB optional) [with heater]	
Graphic Chip	Intel® UHD Graphics	
LCD	12.0" Active Matrix (TFT) colour LCD 2160 x 1440 (QHD) LCD with sunlight-viewable glove-enabled capacitive touchscreen (up to 1.200cd/m <sup>2</sup> ), IP55 Digitiser	
Bluetooth™	4.2 + EDR Class 1	
Wireless LAN	Intel® Dual Band Wireless-AC 8265	
Mobile Broadband*	4G LTE, supports 3G	
GPS*	U-Blox NEO-M8N	
Sound	WAVE and MIDI playback, Intel® High Definition Audio subsystem support	
Security	TPM (TCG V2.0 compliant) Password security (supervisor password, user password, hard disc lock) Integrated hardware security lock slot	
Camera	Front:	2 MP with IR / privacy shutter (Windows Hello compliant)
	Rear Camera:	8mpixel with autofocus and LED flash
Micro SD/SDXC Memory Card	Project based	
Configuration port (Tablet)**	Serial, 2D Barcode Reader, 2nd USB 2.0	
Interface	USB 3.1:	x1
	USB 3.1 type C PD:	x1
	USB 2.0**:	x1
	HDMI:	x1
	LAN:	x1
	DC In:	x1
	Port Replicator:	x1
	Headset:	x1
	Dual Antenna Connector:	x1
	Native Serial Port**:	x1
Business Expansion Module**	Smart Card Reader, NFC, Fingerprint Reader	
Power	AC Adapter:	Input: 100 V - 240 V AC, 50 Hz/ 60 Hz, Output: 15.6 V DC, 4.06A
	Power Management:	Hot swap, Standby function, ACPI BIOS
	Battery:	Standard: x2 Li-Ion (3 cell, 22Whr) Extended: x2 Li-Ion (6 cell, 45 Whr) optional
	Battery Life:	Standard: Approx. 11 hours (Mobile Mark™ 2014) Extended: Approx. 22 hours (Mobile Mark™ 2014)
Dimensions (W x H x D)	Standard Battery:	308.0 mm x 243.6 mm x 21.6 mm / 12.1" x 9.6" x 0.9"
	Extended Battery:	308.0 mm x 243.6 mm x 32.1 mm / 12.1" x 9.6" x 1.3"
Weight	Standard Battery:	1.56kg / 3.5lb
	Extended Battery:	1.91kg / 4.2lb
Accessories	AC Adapter	CF-AA5713A2E/G/T/D
	Desktop port replicator	CF-VEB331U
	Standard battery pack (3 cell)	CF-VZSU1AW
	Extended battery pack (6 cell)	CF-VZSU1BW
	4 bay battery charger	CF-VCB331M
	Digitizer Stylus pen	CF-VNP023U
Testing Standards***	Water Resistance:	IEC529 (JIS C0920) IPx5
	Drop Resistance:	MIL-STD 810G, 150cm
	Dust Resistance:	IEC529 (JIS C0920) IP6x
	Operating Temperature:	MIL-STD 810G, -29 °C to 60 °C
Standard Configuration	CF-33mk2 Tablet, 16GB RAM, 512GB SSD, 2x standard battery pack, IP55 digitiser pen	
Included in the box	Power Supply, Power Cord, Display cleaning cloth and User Manual	

TOUGHBOOK 33mk2: 11/2021

\*Optional; \*\*One option exclusively possible in configuration port / business expansion module; \*\*\*Tested by an independent third party lab following MIL-STD-810G and IEC 60529

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