





## TOUGHBOOK CF-33 TABLET

## WINDOWS 10 PRO 12" FULLY RUGGED TABLET

TOUGHBOOK CF-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 CF-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™ i5-7300U vPro™ processor
- Windows 10 Pro
- Next generation Dual-touch (with digitizer) display with 3:2 aspect ratio
- 12.0" QHD (2160 ×1440) anti-reflective high brightness outdoor display (up to 1200cd/m²)
- 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

- $\bullet\,$  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





## Yesterday's Legend, Today's Leader.

## TOUGH YET VERSATILE

Panasonic TOUGHBOOK CF-33 TABLET is one of the first tablets powered by the latest 7th Generation Intel® CoreTM i5-7300U vProTM 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.









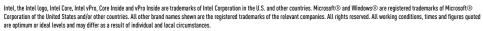
Ashila Camandian Distance	-+- ® C™:	
Mobile Computing Platform	Intel® Core™ i5-7300U vPro™ processor  3 MB cache, 2.6 GHz up to 3.5 GHz with Intel® Turbo Boost Technology	
perating System	Simbicacine, 2.6 onz up to 3.5 onz with intet © Turbo boost Technology  Windows 10 Pro	
AM & Storage		
	86B RAM & 256 GB Solid State Drive (Serial ATA)	
raphic Chip	Intel® HD Graphics 620	
CD .	12.0" QHD (2160 ×1440 pixels) anti-reflective sunlight-viewable IPS colour LCD (up to 1200cd/m² brightness), 3:2 Aspect ratio	
ouchscreen	Dual touch 10 finger capacitive multi-touchscreen with IP55 Digitiser as standard	
luetooth®	Version 4.1 Class 1	
LAN	Intel® Dual Band Wireless-AC 8265	
obile Broadband*	4G LTE (Sierra Wireless™ EM7305), Nano SIM in the tablet	
edicated GPS*	U-blox NEO-M8N with GPS/GLONASS/SBAS Support	
AN	1000BASE-T / 100BASE-TX / 10Base-T	
ound	WAVE and MIDI playback, Intel® High Definition Audio subsystem support, Microphone arrays (built-in)	
Camera	Front:	2 MP
	Rear:	8 MP with autofocus and LED flash
Interface	USB 3.0:	x1
	USB 2.0:	x1*** (configuration Port)
	LAN (Gigabit):	x1 RJ-45
	Serial port:	x1 True serial*** (configuration Port)
	HDMI:	x1
	Headset:	x1
	Port replicator connector:	x1
	Dual external antenna connector:	x1
cpansion slots	Micro SD/SDXC memory card:	x1 micro SDXC
Project based options*	Tablet configuration port***	True serial port or 2D Barcode reader or 2nd USB 2.0
	Tablet business expansion module***	Smartcard reader or Contactless smartcard reader or Fingerprint
		reader
Power	AC adapter:	Input: 100 V - 240 V AC, 50 Hz/ 60 Hz, Output: 15.6 V DC, 4.06A
	Battery:	Li-ion 11.1 V, 2x 1,990 mAh (Standard battery) Li-ion 10.8 V, 2x 4120 mAh (Extended battery*)
	Operating Time:	11 hours with standard twin batteries (MobileMark™ 2014) 22 hours with extended twin batteries* (MobileMark™ 2014)
ecurity Features	TPM (Trusted Platform Module, TCG V2.0 compliant), Integrated hardware security lock slot, Password security (supervisor password, user password, SSD lock)	
Physical Dimensions (W x D x H		
· injured: Sillionolone (i i x S x i)	With extended twin batteries (6+6 cell)*: 313.0 x 288.4 x 56.6mm {12.3" x 11.4" x 2.2"}	
Weight Standard configuration	With standard twin batteries (3+3 cell): Approx. 2.761 kg {6.1 lb.}	
	With extended twin batteries (6+6 cell)*: Approx. 3.116 kg {6.9 lb.}	
	CF-33mk1, 8GB RAM, 256GB SSD, empty configuration port, standard twin batteries (3+3 cell)	
cluded in box	CF-33mk1 Tablet, twin 3cell batteries, digitizer pen, tether and AC adapter	
	AC Adapter CF-AA5713AE/G/T/D	
Accessories	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 test:	IP-X5**
	Dust resistance test:	IP-6X**
	Gravity drop resistance test:	180cm (5.9 feet)**
	Operating temperature:	-29°C to +60°C {-20°F to 145°F} TBD
	Storage temperature:	-51°C to +71°C {-60°F to 160°F} TBD

CF-33mk1: 23.05.2017

\*Optional

 $\ensuremath{^{**}}\textsc{Tested}$  at Panasonic factory and does not guarantee against damage or malfunction

\*\*\*One option exclusively possible in configuration port / business expansion module





CORE 15