



**Windows 11 Pro Fully Rugged Tablet with 12"  
Outdoor Full-HD Display**

## **TOUGHBOOK 33 mk2 Tablet**

12" FULLY RUGGED WINDOWS 11 TABLET

### **Key Features**

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Intel® Core™ i5-10310U vPro™ Processor

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Windows 11 Pro (Windows 10 Pro downgrade is available)

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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

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IP65 Water and dust resistant\*\*, MIL-STD 810G certified\*\*

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Long battery life of up to 11 hours with hot swap and second battery



## TOUGHBOOK 33 mk2 Tablet

<https://eu.connect.panasonic.com/dk/en/products/toughbook/toughbook-33-mk2-tablet>

<b>Mobile Computing Platform</b>	Intel® Core™ i5-10310U vPro™ Processor
<b>Operating System</b>	Windows 11 Pro (Windows 10 Pro downgrade is available)
<b>RAM</b>	16GB (max. 32GB) DDR4
<b>Graphic Chip</b>	Intel® UHD Graphics
<b>Storage</b>	512GB OPAL NVMe SSD (1TB optional) with heater
<b>LCD</b>	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
<b>Bluetooth™</b>	4.2 + EDR Class 1
<b>Wireless LAN</b>	Intel® Wi-Fi6 AX201
<b>Mobile Broadband*</b>	4G LTE, supports 3G
<b>GPS*</b>	U-Blox NEO-M8N
<b>LAN</b>	x1
<b>Sound</b>	WAVE and MIDI playback, Intel® High Definition Audio subsystem support
<b>Security</b>	TPM (TCG V2.0 compliant) Password security (supervisor password, user password, hard disc lock) Integrated hardware security lock slot
<b>Front Camera</b>	2 MP with IR / privacy shutter (Windows Hello compliant)
<b>Rear Camera</b>	8mpixel with autofocus and LED flash
<b>Micro SD/SDXC Memory Card</b>	Project based
<b>Configuration port (Tablet)**</b>	Serial, 2D Barcode Reader, 2nd USB 2.0
<b>USB 3.1</b>	x1
<b>USB 3.1 type C PD</b>	x1
<b>USB 2.0**</b>	x1
<b>HDMI</b>	x1
<b>Native Serial Port**</b>	x1
<b>Headset</b>	x1
<b>DC In</b>	x1
<b>Port Replicator</b>	x1
<b>Dual Antenna Connector</b>	x1
<b>Business Expansion Module**</b>	Smart Card Reader, NFC, Fingerprint Reader
<b>AC Adapter</b>	Input: 100 V - 240 V AC, 50 Hz/ 60 Hz, Output: 15.6 V DC, 7.05A
<b>Battery</b>	Standard: x2 Li-Ion (3 cell, 22Whr) Extended: x2 Li-Ion (6 cell, 45 Whr) optional
<b>Battery Life</b>	Standard: Approx. 11 hours (Mobile Mark™ 2014) Extended: Approx. 22 hours (Mobile Mark™ 2014)
<b>Power Management</b>	Hot swap, Standby function, ACPI BIOS
<b>Dimensions (WxHxD)</b>	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"
<b>Weight</b>	Standard Battery: 1.56kg / 3.5lb Extended Battery: 1.91 kg / 4.2lb
<b>Drop Resistance</b>	MIL-STD 810G, 150cm***
<b>Dust Resistance</b>	IEC529 (JIS C0920) IP6x***
<b>Water Resistance</b>	IEC529 (JIS C0920) IPx5***
<b>Operating Temperature</b>	MIL-STD 810G, -29 °C to 60 °C ***
<b>Standard Configuration</b>	CF-33mk2 Tablet, 16GB RAM, 512GB SSD, 2x standard battery pack, IP55 digitiser pen
<b>Included in the box</b>	Power Supply, Power Cord, Display cleaning cloth and User Manual
<b>Footnote</b>	*Optional **One option exclusive possible in configuration port / business expansion module ***Tested by an independent third party lab following MIL-STD-810G and IEC 60529, Sections 13.4, 13.6.2, 14.2.5 and 14.3