Panasonic

CONNECT

TOUGHBOOK

Uw presentator

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TOUGHBOOK

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TOUGHBOOK
Why Toughbook:
Lessons learnt from
27 years in rugged
technology

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TOUGHBOOK

The 8 major milestones in customer-driven innovation:

1994

Digital Mobility Pioneer

The Birth of Integrated CD-ROM in notebooks PC's

1996

The start of Mobile Rugged Computing

Magnesium Alloy Protection and the 1st rugged TOUGHBOOK

1999

Wireless Frontier

The First fully Integrated Antenna in a Notebook PC

2003

The Convertible Revolution

Panasonic launches the CF-18, the markets 1st Rugged Convertible Touchscreen

2008

Revolutionising Healthcare

The Birth of the TOUGHBOOK H1 - The Medical Clinical Assistant

2012

Tablet Transformation

Shift in mobile form factor as Touchscreen capability and mobility benefit from a huge leap forward with the FZ-G1

2019

Modular Mobility

Supporting the evolving needs of the today's mobile workforce

2023

Mobility Solutions Provider

Built for users working in the most demanding mobile environments

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TOUGHBOOK

intel. Windows 11

VIEW ON

2024 ROADMAP

FOCUS ON

4 FORM FACTORS

1. Quality

2. Performance

3. Versatility

4. Security

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TOUGHBOOK

TOUGHBOOK as a Service (TaaS)

As-a-service subscription for any device with any service & software

IT Support

- Last mile service
- Field support service
- Staff Augmentation
- 5G Campus / private network

Supporting Software

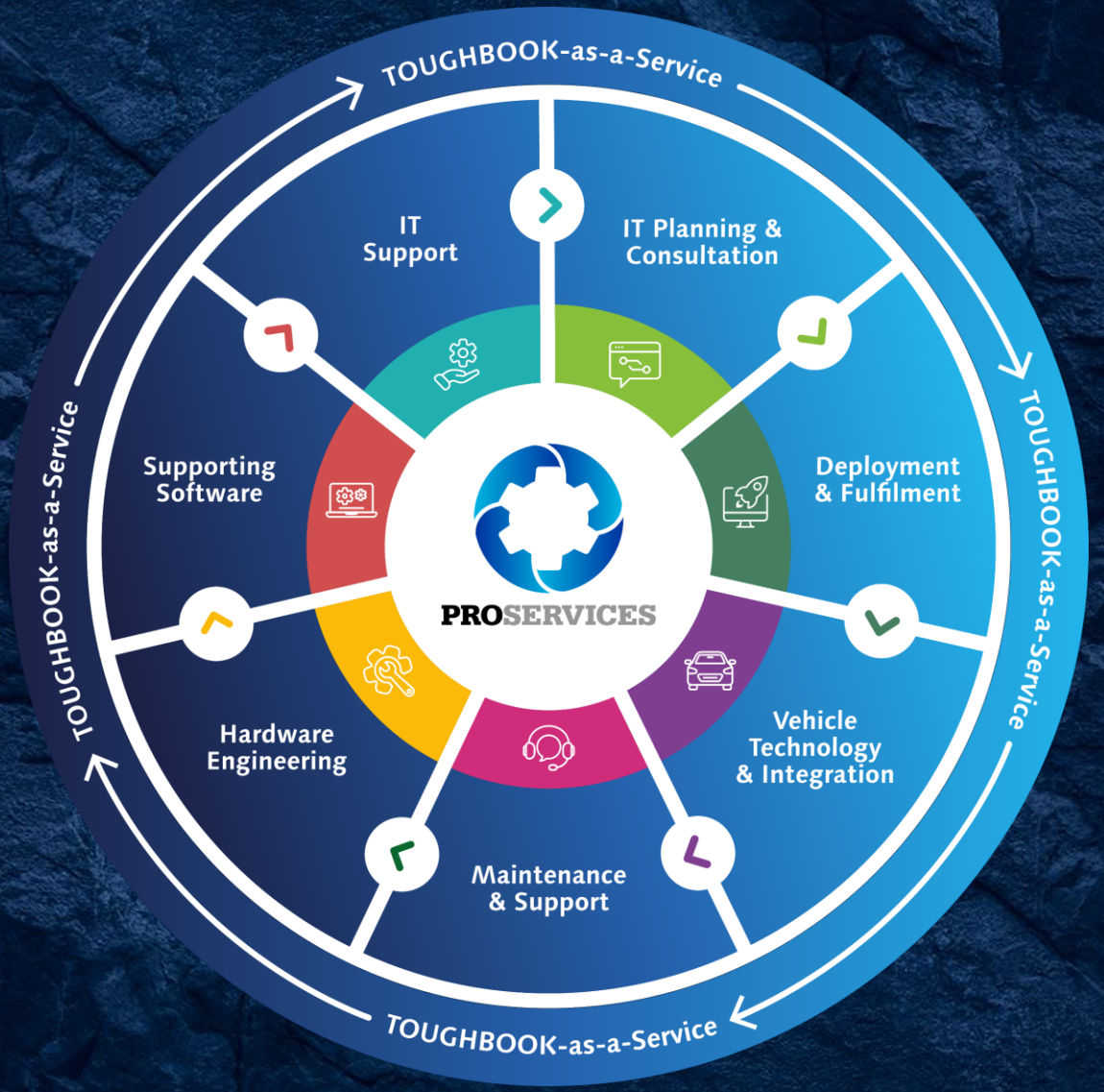
- Smart Service
- Absolute resilience & control
- Distracted Driver

Hardware Engineering

- Custom dock design
- Hardware accessory design

Maintenance & Support

- Protect plus
- Protect plus Infinity
- Rapid replacement service
- Global Warranty
- 24/7 Support Service
- Service Repair Training



TOUGHBOOK-as-a-Service (TaaS)

IT Planning & Consultation

- Image Consultation & Creation
- Long Term image management
- SCCM/MDT Environment Setup
- Autopilot enrolment & provisioning
- Intune/Azure Active directory setup & maintenance
- Project Management

Deployment and Fulfilment

- Gold build, SCCM/MDT imaging & Autopilot whiteglove
- Imaging, staging and kitting
- Asset tagging and SIM activation
- Non-TOUGHBOOK deployment
- Warehousing

Vehicle Technology & Integration

- Installation Services
- Fleet audit
- Vehicle kit consultancy, design & supply
- Design compliance & certification
- In-vehicle connectivity solutions
- OEM Mirroring

Trimble / Hilti / Leica veldboeken

TB G2 Key Features

Optimised for the field use or for the mobile worker:

Battery Performance	Connectivity	Field Optimised Screen	Modular Approach	Performance
18.5hrs with Large Battery Option	5G enabled with sub6 & E-Sim	Low reflection rate, 10-point touch, Anti-glare, High brightness and Active Digitiser	Fit for purpose exchangeable interfaces	Intel vPro CPU 16GB RAM as standard 512GB OPAL SSD as standard

G2

EXPLORE THE TOUGHBOOK RANGE

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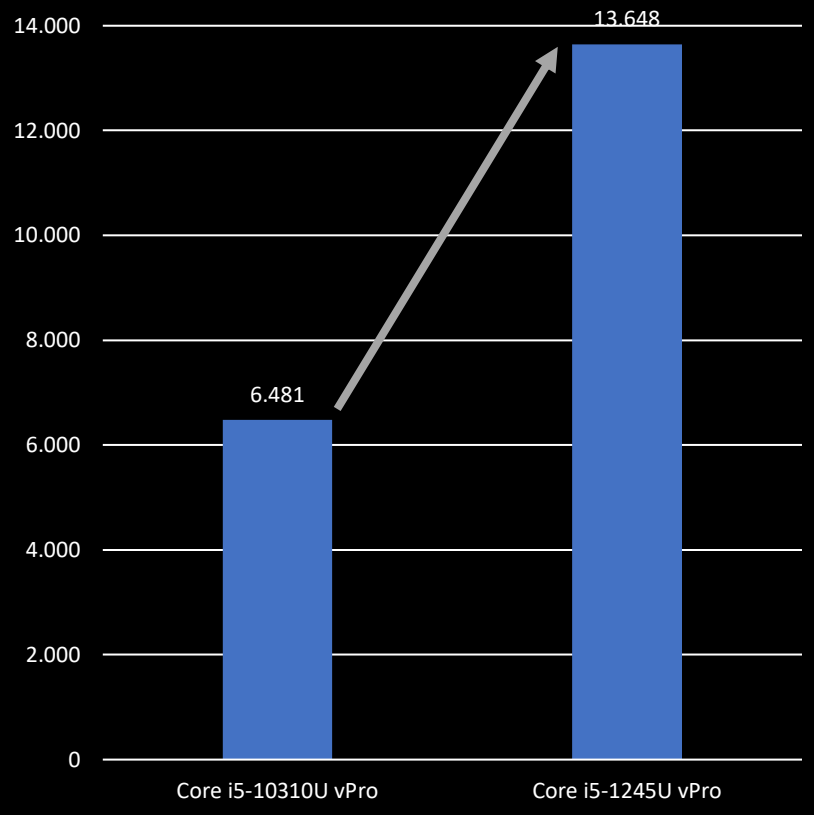
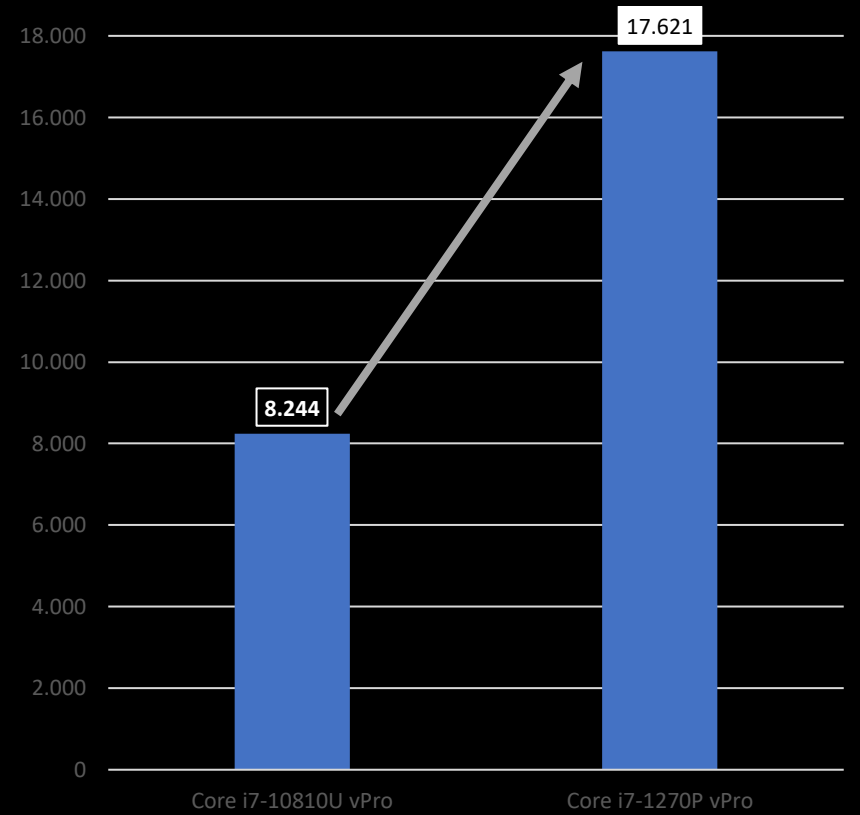
TOUGHBOOK G2mk2 Quick Overview

	TOUGHBOOK G2mk1	TOUGHBOOK G2mk2
CPU Platform	10th Generation Intel Core (Comet Lake)	**12th Generation Intel Core (Alder Lake)**
Graphics	Intel UHD Graphics	**Intel Iris Xe Graphics**
USB Type c	x1 USB 3.1 Gen 2 with Power Delivery	**x1 Thunderbolt 4**
Wireless LAN	Intel Wireless AX201, WiFi 6	**Intel Wireless AX211, WiFi 6E**

TOUGHBOOK G2mk2: CPU Performance Increase (Passmark)



12th gen



12th gen

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TOUGHBOOK G2: Display

Screen Input

10 finger Multi-touch

IP55 Digitizer Pen

Gloves

Multi-touch in rain mode

IP55 Digitizer Pen in rain mode

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TOUGHBOOK G2: Seamless Work

Long Battery Life (Standard Model)

TOUGHBOOK G2 supports hot swap (optional) without shutdown for seamless work.

Standard Battery (4,360 mAh) — Approx. **7.5h**

Extended Battery (6,300 mAh) — Approx. **12h**

Measurement condition

- Mobile Mark 25
- Brightness: 250 cd/m^2

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TOUGHBOOK G2: Seamless Work

Wireless Connectivity

Wi Fi 6E

Bluetooth® 5.1

Optional

- LTE
- 5G
- eSIM
- u-blox
- GPS
- GALILEO
- BeiDou Navigation Satellite System
- GLONASS

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TOUGHBOOK G2: Unrivalled Ruggedness

Ingress Protection

IP65*

IP6x Dust Resistance Test (IEC60529)	
Dust	Less than 75 µm
Decompression (inside)	2kPa
Duration	8 hours

IPx5 Water Resistance Test (IEC60529)	
Water Flow	12,5 l / min
Waterjet Direction	All Direction
Waterjet Distance	2.5m {98.4”} – 3m {118.1”}
Duration	MIN. 10 min

*Test done by an independent third party lab

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EXPLORE THE

TOUGHBOOK TABLET RANGE

TOUGHBOOK G2

TOUGHBOOK 33

G2

33

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TOUGHBOOK

KEY FEATURES | SECTORS | CERTIFICATIONS | KEY SPECS

G2

Windows | Get to know Windows 11 Pro

EVOLVED TO ADAPT TOUGHBOOK G2

10” fully rugged Windows 11 Pro Tablet

EXPLORE THE TOUGHBOOK RANGE

TOUGHBOOK G2

TOUGHBOOK 40

TOUGHBOOK 55

TOUGHBOOK 33

TOUGHBOOK G2: Modular Design

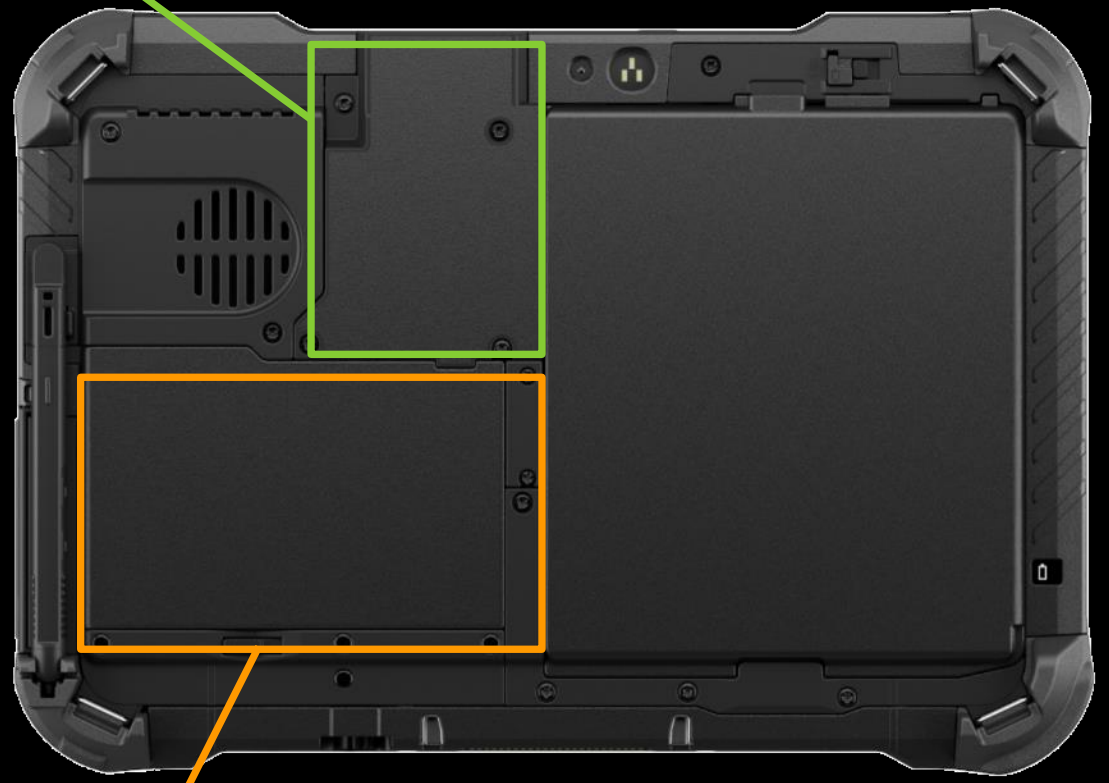
Flexible Configuration

Configuration Port
End User replaceable accessory

- Barcode Reader
- USB 2.0 (Type-A)
- 2nd GLAN
- True serial
- Thermal Camera
- Micro SD Card Slot

Rear Expansion Area
End User replaceable accessory

- Smart Card Reader
- HF-RFID (NFC) Reader
- Fingerprint Reader



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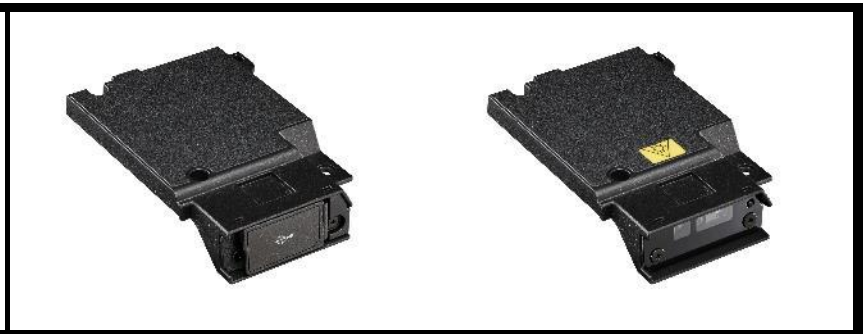
TOUGHBOOK G2: Modular Design

Configuration Port Options*

Gigabit LAN

True Serial

Thermal Camera



USB 2.0 Type A

Barcode Reader

Micro SD Card Slot

CONNECT * Available as Accessory

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TOUGHBOOK G2: Modular Design

Rear Expansion Area Options*

HF-RFID

Smart Card Reader

Fingerprint Reader

* Available as Accessory

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TOUGHBOOK G2: Eco System

Emissive Backlit Keyboard (FZ-VEKG21L*)

DC-In

USB Type A

USB Type C

* Available as Accessory

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TOUGHBOOK G2: Speciale ontwikkelingen

Sectors

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.

G2

EXPLORE THE TOUGHBOOK RANGE

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TOUGHBOOK

PROTECT PLUS

Full Maintenance Services

Work Harder. Go Further.

Panasonic CONNECT TOUGHBOOK

Tailored Support – Pick the **ProTect plan** that suits you.

3 YEARS

Included as **standard** with all new TOUGHBOOK devices:

PROTECT

- Repair of manufacturing defects and functional failures
- Packaging and logistics service
- 48-hour repair turnaround
- Device reimaging
- Software, firmware and driver updates
- Repair by specialist TOUGHBOOK technicians
- Access to TOUGHBOOK Service Cloud self-service portal

3, 4 OR 5 YEARS

Everything included in **ProTect** as well as:

PROTECT PLUS

- Battery Confidence: proactive battery replacement*
- Monthly service reporting on full estate of devices
- One working day of on-demand consultancy every year
- Full access to the TOUGHBOOK ServiceCloud Advanced Knowledge Base
- Remote technical support
- Full inspection report for returned devices
- Small, cosmetic repairs and reinstatement of IP integrity

3, 4 OR 5 YEARS

Includes everything in **ProTect PLUS** as well as your optional module(s):

PROTECT PLUS Premium

- Accidental Damage (3, 4, or 5 years)

Infinity Maintenance Service +	Remote Device Monitoring +	Self-Maintenance: Training & Spare Parts Access +
Return without SSD +	Global Service +	Device Management +
Software Maintenance +	Rapid Replacement +	Alternative Packaging +

*first 3 years only

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