

TOUGHBOOK 40 mk3 Solution Guide

May 2026





TOUGHBOOK 40

14" FULLY RUGGED WINDOWS 11 PRO NOTEBOOK WITH FULL-HD TOUCH DISPLAY

TOUGHBOOK 40 with Windows 11 Pro, magnesium chassis, flexible configurations and expansion areas is the most versatile 14" fully rugged Toughbook ever built, but doesn't compromise on durability, with improved strength and IP66 resistant design.

In terms of flexibility, the TOUGHBOOK 40 is equally outstanding. It offers a huge array of flexible configuration options, making it easier for customers to have exactly the device they want.

- Intel® Core™ Ultra5 235H vPro™ or Core™ Ultra7 265H vPro™
- Windows 11 Pro / Red Hat Enterprise Linux 10 certified
- 14" WUXGA Active Matrix LCD, 1.200cd/m² brightness
- 10 finger capacitive Touch, Glove enabled with rain mode
- 16GB DDR5 RAM and 512GB NVMe OPAL SSD
- 2x USB 3.2, 1x Thunderbolt 4, 1x HDMI, 1x LAN and micro SDCX
- Left, Right, Rear and Palm Rest Expansion Area
- 5MP Windows Hello Front Webcam optional
- 5G or 4G with eSIM optional
- Dedicated GNSS optional
- -29 °C to +63 °C operating temperature*
- IP66 Ingress Protection*
- Withstands drops from a height of 180cm*
- Shock and vibration protected for vehicle docking

* Tested by an independent third-party lab referencing MIL-STD810H and IEC 60529

TOUGHBOOK 40 ACCESSORY ECOSYSTEM



All accessories in this guide are fully tested and certified in the Panasonic factory by Panasonic engineers

LEFT EXPANSION AREA OPTIONS

2nd SSD Packs (SATA):



Option	SKU
NVMeOPAL 512 GB	FZ-V2S400T3U
NVMe OPAL 1 TB	FZ-V2S401T3U
NVMe OPAL 2 TB	FZ-V2S402T3U



Other Options:



DVD Multi Drive

Part No: **FZ-VDM401AU**



Smart Card Reader

Part No: **FZ-VSC402U**

RIGHT EXPANSION AREA OPTIONS



Smart Card Reader

Part No: **FZ-VSC401U**



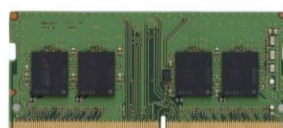
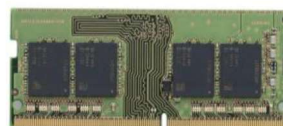
Battery Pack

Common with standard battery.

Part No: **FZ-VZSU1XU**

RAM MODULES

Option	SKU
16GB DDR5	FZ-BAZ2516
32GB DDR5	FZ-BAZ2532



REAR EXPANSION AREA OPTIONS



VGA + True Serial + 2nd GBit LAN

Part No: FZ-VCN401U



True Serial + USB 3.1 Type A + 2nd HDMI 2.0

Part No: FZ-VCN402AU



x2 USB 3.1 Type A + 2nd HDMI 2.0

Part No: FZ-VCN403AU



x2 True Serial + 2nd GBit LAN

Part No: FZ-VCN405G



USB 3.1 Type A + USB 3.1 Type C + 2nd HDMI 2.0

Part No: FZ-VCN406AU

PALM REST EXPANSION AREA OPTIONS



Contactless Smart Card Reader
(HF-RFID)

Part No: FZ-VNF401BU



Fingerprint Reader (Windows
Hello)

Part No: FZ-VFP401BU

To be Secured Core PC
compliant this item only can be
installed by IT department



Fingerprint Reader

(Windows Hello, Multi User Authentication)

Part No: FZ-VFP402BW

CARRYING SOLUTIONS

TOUGHBOOK 40 Shoulder Strap

Contains D-Rings

Part No: FZ-VNS401U



Breakable Shoulder Strap

Does not contain D-rings.
Alternative strap to be used
with existing d-rings or
cases with d-rings.

Part No: PCPE-SYSSSB1



DESKTOP PORT REPLICATOR

TOUGHBOOK 40 Desktop Port Replicator

PART NO: FZ-VEB401U



USB-C
2.0



Release Lock



DC-In

x2 GBit
LAN

USB-A
3.1

x2 USB-A
2.0

x2 USB-C
3.1

HDMI
2.0

Serial

POWER MANAGEMENT SOLUTIONS

Battery Pack

(6Cell, 68 Wh)

Part No: **FZ-VZSU1XU**



AC Adapter

Part No: **CF-AA5713A2***

*E: UK, G: EU, T: IT, D: Switzerland



4-bay Battery Charger

Part No: **FZ-VCB551W**

Does not contain AC adaptor



Auto Adaptor (120W)

Part No: **CF-LND1224A**



PRODUCTIVITY SOLUTIONS

TOUGHBOOK 40 Stylus

Part No: **FZ-VNP027U**



TOUGHBOOK 40 Tether

Part No: **FZ-VNT005U**



Toughmate Stylus Tether

Part No: **PCPE-INFUVA2**



USB Optical Mouse

Part No: **PCPE-LOGM901**



SECURITY & PROTECTION SOLUTIONS

LCD Screen Cleaning Cloth

Part No: **CF-VNC002U**

MOQ: 10 pcs



Protective 14" LCD Film

Replacement protective film

Part No: **FZ-VPF39U**



Kensington Lock

Part No: **PCPE-KENLOK2**



OTHER PERIPHERALS

Slimline External CD/DVD Writer

Part No: **PCPE-FCDVR05**



Contact **mobit** for more info:

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CONNECTED VEHICLE SOLUTIONS

VEHICLE DOCKS

TOUGHBOOK 40 Vehicle Dock (Gamber-Johnson)

Lite Port Replication:

- x2 LAN; x2 USB 2.0 type A, x1 USB 2.0 Type c, x1 USB 3.2 Type A, x2 USB 3.2 type c, x1 Serial (**Full Port Replication** + x1 HDMI)
- Optional quad-antenna pass-through
- 15V DC-in

Size: 372 x 312 x 71 mm

Weight: 2.04 kg

Part No:

- | | |
|------------------|--|
| • TB-GJ-VD40FPNR | Full Port Replication (no antenna pass-through) |
| • TB-GJ-VD40FPQR | Full Port Replication (with quad-antenna pass-through) |
| • TB-GJ-VD40LPNR | Lite Port Replication (no antenna pass-through) |
| • TB-GJ-VD40LPQR | Lite Port Replication (with quad-antenna pass-through) |
| • TB-GJ-VC40NR | Without Electronics |



TOUGHBOOK 40 Vehicle Dock (Havis)

Standard Port Replication:

- x2 LAN, x2 USB 2.0 type A, x1 USB 2.0 Type c, x1 USB 3.0 Type A, x1 USB 3.0 type c, x1 Serial (**Advanced port replication** + x1 HDMI)
- Optional quad-antenna pass-through
- 16V DC-in

Size: 336 x 313 x 67 mm

Weight: 2.5 kg

Part No:

- | | |
|----------------|--|
| • PCPE-HAV4001 | Without Electronics |
| • PCPE-HAV4002 | Standard Port Replication (no antenna pass-through) |
| • PCPE-HAV4003 | Standard Port Replication (with quad antenna pass-through) |
| • PCPE-HAV4004 | Advanced Port Replication (no antenna pass-through) |
| • PCPE-HAV4005 | Advanced Port Replication (with quad antenna pass-through) |



CONNECTED VEHICLE SOLUTIONS

ROUTERS

Cradlepoint IBR 900 Router

Compact, ruggedized Gigabit-Class LTE router for advanced in-vehicle and IoT connectivity.

Dimensions: 118mm x 113.5mm x 30.5mm / 4.6" x 4.5" x 1.2"

Weight: 400g / 0.88 lb

Part Nos:

- **PCPE-CRD90E1** - Cradlepoint IBR900 router with 1-year NetCloud Mobile Essentials Plan
- **PCPE-CRD90E3** - Cradlepoint IBR900 router with 3-year NetCloud Mobile Essentials Plan
- **PCPE-CRD90E5** - Cradlepoint IBR900 router with 5-year NetCloud Mobile Essentials Plan
- **PCPE-CRD90A1** - Cradlepoint IBR900 router with 1-year NetCloud Mobile Advanced Plan
- **PCPE-CRD90A3** - Cradlepoint IBR900 router with 3-year NetCloud Mobile Advanced Plan
- **PCPE-CRD90A5** - Cradlepoint IBR900 router with 5-year NetCloud Mobile Advanced Plan



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ACCESSORY SUMMARY

Solution Type	Part Number	Description
Left Expansion Area	FZ-V2S400T3U	OPAL 512 GB 2 nd SSD (NVMe)
	FZ-V2S401T3U	OPAL 1TB 2 nd SSD (NVMe)
	FZ-V2S402T3U	OPAL 2TB 2 nd SSD (NVMe)
	FZ-VDM401AU	DVD Multi Drive
	FZ-VSC402U	Smart Card Reader
Right Expansion Area	FZ-VSC401U	Smart Card Reader
	FZ-VZSU1XU	Battery Pack
Rear Expansion Area	FZ-VCN401U	VGA x1, Serial x1, 2 nd Gigabit LAN x1
	FZ-VCN402AU	Serial x1, USB 3.1 Type A x1, 2 nd HDMI 2.0 x1
	FZ-VCN403AU	USB 3.1 Type A x1, 2 nd HDMI 2.0 x1
	FZ-VCN405G	Serial x2, 2 nd Gigabit LAN x1
	FZ-VCN406AU	HDMI x1, USB-C x1, USB-A x1
Palm Rest Expansion	FZ-VNF401BU	Contactless Smart Card Reader (HF-RFID)
	FZ-VFP401BU	Fingerprint Reader (Windows Hello)
	FZ-VFP402BW	Fingerprint Reader (Windows Hello, Multiuser Authentication)
RAM Modules	FZ-BAZ2516	16 GB RAM DDR5
	FZ-BAZ2532	32GB RAM DDR5
Docking Solutions	FZ-VEB401U	TOUGHBOOK 40 Desktop Port Replicator
	TB-GJ-VD40* FPNR / FPQR / LPNR / LPQR	TOUGHBOOK 40 Vehicle Dock (Gamber-Johnson)
	TB-GJ-VC40NR	TOUGHBOOK 40 Vehicle Dock (Gamber-Johnson), no Electronics
	PCPE-HAV40* 02/03/04/05	TOUGHBOOK 40 Vehicle Dock (Havis)
	PCPE-HAV4001	TOUGHBOOK 40 Vehicle Dock (Havis), no Electronics
	PCPE-SYSSSB1	Breakable Shoulder Strap without D-Rings
Carry Solutions	FZ-VNS401U	Shoulder Strap with D-Rings
Power Management	FZ-VZSU1XU	Battery Pack
	FZ-VCB551W	4-bay Battery Charger
	CF-AA5713A2*	AC Adaptor (*E: UK; G: Continental; T: Italian ; D: Swiss
	CF-LND1224A	Auto Adaptor (120W)
Productivity	FZ-VNP027U	TOUGHBOOK 40 Touch Screen Stylus Pen
	FZ-VNT005U	Stylus Tether
	PCPE-INFUVA2	Toughmate Stylus tether
	PCPE-LOGM901	USB Optical Mouse
Connectivity	PCPE-CRD90E1	Cradlepoint IBR900 router with 1-year NetCloud Mobile Essentials
	PCPE-CRD90E3	Cradlepoint IBR900 router with 3-year NetCloud Mobile Essentials
	PCPE-CRD90E5	Cradlepoint IBR900 router with 5-year NetCloud Mobile Essentials
	PCPE-CRD90A1	Cradlepoint IBR900 router with 1-year NetCloud Mobile Advanced
	PCPE-CRD90A3	Cradlepoint IBR900 router with 3-year NetCloud Mobile Advanced
	PCPE-CRD90A5	Cradlepoint IBR900 router with 5-year NetCloud Mobile Advanced

ACCESSORY SUMMARY

Solution Type	Part Number	Description
Security, Protection & Cleaning	PCPE-KENLOK2	Kensington Lock
	CF-VPF39U	Protective Film for 14" LCD
	CF-VNC002U	LCD Cleaning Cloth (MOQ: 10pcs)
Optical Drive	PCPE-FCDVR05	USB External CD-DVD Drive
Professional Services	PCPE-PSBIOSG-V	Custom BIOS Service – Gold
	PCPE-PS20GIM-V	Image deployment per device (MOQ 30)
	PCPE-PSSIMIN-V	SIM Installation
	PCPE-PSATAG1-V	Asset Tagging
	PCPE-PSAUTOP-V	Autopilot Enrolment
	PCPE-PSLOGOB-V	Custom logo badge
	PCPE-PSSPACK-V	Solution Packaging
Smart Services	CF-LESPSESS1	Smart Essentials Bundle - 1 year (Smart Service, Battery Monitor and APIs)
	CF-LESPSESS3	Smart Essentials Bundle - 3 year (Smart Service, Battery Monitor and APIs)
	CF-LESPSESS5	Smart Essentials Bundle - 5 year (Smart Service, Battery Monitor and APIs)
Lifecycle support solutions	PCPE-PROTP3	TOUGHBOOK ProTect PLUS 3 Years (Incl. 3 yr Battery Confidence)
	PCPE-PROTP4-V	TOUGHBOOK ProTect PLUS 4 Years (Incl. 3 yr Battery Confidence)
	PCPE-PROTP5-V	TOUGHBOOK ProTect PLUS 5 Years (Incl. 3 yr Battery Confidence)
	PCPE-INFAB3-V	TOUGHBOOK Infinity 3 Years (Incl. 3 yr Battery Confidence)
	PCPE-INFAB4-V	TOUGHBOOK Infinity 4 Years (Incl. 3 yr Battery Confidence)
	PCPE-INFAB5-V	TOUGHBOOK Infinity 5 Years (Incl. 3 yr Battery Confidence)



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