





TOUGHBOOK G2

EVOLVED 2 ADAPT

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. All of this, wrapped up in a more flexible, secure and ultimately even more useable device. An evolution of the best-selling Panasonic Toughbook G1 tablet and 20 detachable, this latest tablet is powered by the latest Intel® Core™ Ultra processor, delivering incredible performance, and is shipping with Windows 11 Pro. It also has a rich set of business interfaces with additional customizable options to meet a worker's needs. With its long battery life and outdoor viewing, glove-enabled touchscreen, it's a versatile yet tough technology companion for mobile workers.

- Intel® Core™ Ultra5 135U vPro™ Processor
- Windows 11 Pro
- Intel® Graphics
- Next generation IPSa outdoor display technology
- 10.1" high brightness WUXGA (1920x1200) display (up to 1.000cd/m²)
- Capacitive 10 finger multi-touchscreen + digitizer
- 180 cm drop resistant*
- Water and dust resistant (IP65)*
- Up to 15 hours battery life with large battery

- User exchangeable battery
- Optional Hot swap function
- Flexible configuration port (Serial, LAN, USB 2.0, Micro-SD or Thermal by FLIR, Barcode Reader)
- Rear expansion area (Smart Card Reader, HF-RFID, Fingerprint)
- Lightweight design - weights approx. 1,19kg

* Test by an independent third-party lab following MILSTD810H and IP65

All technical specifications are subject to change without notice.

TOUGHBOOK G2 ACCESSORY ECOSYSTEM



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

PRODUCTIVITY SOLUTIONS

TOUGHBOOK G2 Emissive IP65 Backlit Keyboard

Ports:

- x1 USB 3.0 Type A
- x1 USB 3.0 Type c

Size: 287 x 240 x 56.1 mm

Weight: 910 g

Part no: **FZ-VEKG21L***



TOUGHBOOK G2 Smart Card Reader

(For rear expansion area)

Size: 111 x 75 x 15.4 mm

Weight: 80 g

Part no: **FZ-VSCG211U**



TOUGHBOOK G2 HF-RFID Reader

(For rear expansion area)

Size: 110 x 75 x 15.0 mm

Weight: 85 g

Part no: **FZ-VRFG211U**



TOUGHBOOK G2 Fingerprint Reader

(For rear expansion area)

Size: 111 x 75 x 15 mm

Weight: 80 g

Part no: **FZ-VFPG221U**



TOUGHBOOK G2 IP55 DIGITISER PEN

Size: 117.5mm x Ø9.0

Weight: 6.2 g

Part no: **FZ-VNP026U**



TOUGHBOOK G2 Pen Holder

Size: 33mm x 25mm x 6.3mm

Weight: 2 g

MOQ: 100 pcs.

Part no: **PCPE-CDSG2SH**



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PRODUCTIVITY SOLUTIONS

TOUGHBOOK G2 Barcode Reader

(For configuration port)

Part no: FZ-VBRG231U



TOUGHBOOK G2 Thermal Camera

(For configuration port)

Part no: FZ-VTSG211U



TOUGHBOOK G2 Gigabit LAN

(For configuration port)

Part no: FZ-VLNG211U



TOUGHBOOK G2 USB 2.0 Type A

(For configuration port)

Part no: FZ-VUBG211U



TOUGHBOOK G2 Native Serial

(For configuration port)

Part no: FZ-VSRG211U



TOUGHBOOK G2 Micro- SD

(For configuration port)

Part no: FZ-WSMG221U



TOUGHBOOK G2 MIL Adaptor

Ports:

- Fischer MiniMax™ 10-12 (USB 3.0 + Power)
- Size: 205 × 57 × 32 mm
- Weight: 350 g

Part no: PCPE-CDSG2RU



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CARRYING SOLUTIONS

TOUGHBOOK G2 Rotating Hand Strap

Size: 243 x 127 x 15.5 mm

Weight: 0.135 kg

Part no: **FZ-VSTG21U**



Kickstand

Toughmate Rotating Hand Strap

includes a shoulder strap

Size: 199 x 152 x 22 mm

Weight: 0.27 kg

Part no: **PCPE-INFG2H1**



TOUGHBOOK G2 Always On Case

Size: 325 x 240 x 20 mm

Weight: 0.22 kg

Part no: **PCPE-INFG2AO**



TOUGHBOOK G2 Elastic X-Strap

Size: 114 x 69 x 65 mm

Weight: 0.27 kg

Part no: **PCPE-INFG2XS**



TOUGHBOOK G2 Mobility Bundle

Size: 171 x 19 x 3 mm

Weight: 0.07 kg

Part no: **PCPE-INFG2MB**

Compatible with tablet only

**Not compatible with
Gamber Johnson Vehicle
Dock**



TOUGHBOOK G2 Mobility Bundle with Deluxe Shoulder Strap

Size: 171 x 19 x 3 mm

Weight: 0.10 kg

Part no: **PCPE-INFG2B1**

Compatible with tablet only



TOUGHBOOK G2 ModuFlex

Size: 241 x 165 x 17 mm

Weight: 0.19 kg

Part no: **PCPE-INFG2MF**



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CARRYING SOLUTIONS

User Harness

Can be used with Always On cases and other cases with D-rings on each corner

Weight: 0.2 kg / 0.4 lb

Part No: **PCPE-INFUVA1**



TOUGHBOOK G2 Shoulder Strap

Include screws

Size: 183cm x 3.8cm

Weight: 0.053 kg

Part no: **FZ-VNSG21U**



Heavy Duty Shoulder Strap

Size: 142cm x 3.8cm

Weight: 0.10 kg

Part No: **PCPE-INFSS03**



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SECURITY AND PROTECTION SOLUTIONS

Keyboard Cover

Part No: **PCPE-CERG2C1**



Kensington Lock

Part No: **PCPE-KENLOK2**



Protective Film for LCD

Tempered glass for
Panasonic FZ-G2

Part No: **PCPE-INFG2TG1**



Privacy Screen for LCD

Privacy screen for Panasonic
FZ-G2

Part No: **PCPE-INFG2PF1**



LCD Screen Cleaning Cloth

Part No: **CF-VNC002U**

MOQ: 10 pcs



Protective Film for LCD

Replacement for protective
film pre-installed on
TOUGHBOOK

Part No: **FZ-VPF38U**



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DESKTOP DOCKING SOLUTIONS

TOUGHBOOK G2 Desktop Cradle

Size: 31.0cm x 23.0cm x 17.2cm

Weight: 1.5kg

Part Nos:

- FZ-VEBG21U x2 HDMI 2.0 can be used simultaneously.

Compatible with TOUGHBOOK G2 Tablet

Power supply CF-AA5713A* to be purchased separately



TOUGHBOOK 20 Desktop Port Replicator

With full port replication.

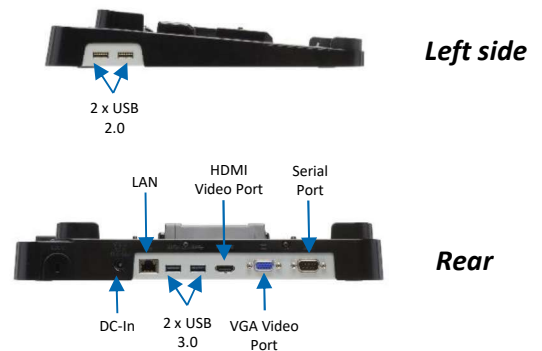
Size: 315mm x 270mm x 50mm

Weight: 1.6 kg

Part No: **CF-VEB201U**

Compatible with TOUGHBOOK G2 Tablet + Keyboard

Power supply CF-AA5713A* to be purchased separately



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TABLET VEHICLE DOCKING SOLUTIONS

TOUGHBOOK G1/G2 Standard Vehicle Dock (Gamber Johnson)

Ports:

- Serial; VGA; HDMI; 2 x USB 3.0; LAN; 16V DC-in
- Optional dual antenna pass-through
- VESA 75 mounting pattern
- Non-electronic versions available

Size: 285 x 251 x 99 mm

Weight: 0.91 kg

Part Nos (Docks with electronics):

- **PCPE-GJG1V01** Keyed Alike without antenna pass-through
- **PCPE-GJG1V02** Keyed Alike with antenna pass-through

Part Nos (Docks without electronics):

- **PCPE-GJG1V05** Keyed Alike



TOUGHBOOK G1/G2 Standard Vehicle Dock (Gamber Johnson)

Ports:

- Serial; 2 x USB 3.0; LAN; 16V DC-in, **NO HDMI & VGA**
- Optional dual antenna pass-through
- VESA 75 mounting pattern

Size: 285 x 251 x 99 mm

Weight: 0.91 kg

Part Nos (Docks with electronics):

- **PCPE-GJG1V09** Keyed Alike with antenna pass-through



TOUGHBOOK G2 Tablet Vehicle Dock (PMT)

Ports:

- Serial; x4 USB 2.0, x2 USB 3.2 ; x2 HDMI ; LAN; 15VDC DC-IN
- Optional dual antenna pass-through
- VESA 75 mounting pattern

Size: 281 x 228 x 96 mm

Weight: 2.09 kg

Part Nos (Docks with electronics):

- **PCPE-PMTG201** without antenna pass-through
- **PCPE-PMTG202** with antenna pass-through
- **PCPE-PMTG203** no electronics



All technical specifications are subject to change without notice.

TABLET VEHICLE DOCKING SOLUTIONS

TOUGHBOOK G1/G2 Vehicle Dock (Havis)

Ports:

- Serial; VGA; HDMI; 2 x USB 3.0; LAN; 16V DC-in
- Optional dual antenna pass-through
- VESA 75 mounting pattern

Size: 255 x 289 x 11.1 mm / 10.0" x 11.4" x 4.4"

Weight: 1.23 kg / 2.7 lb

Part Nos:

- **PCPE-HAVG103** Keyed Alike without antenna pass-through
- **PCPE-HAVG104** Keyed Alike with antenna pass-through



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NOTEBOOK VEHICLE DOCKING SOLUTIONS

TOUGHBOOK 20/G2 Notebook Dock (Havis)

Full port replication:

- 2 x USB 3.0; 1 x LAN; 1 x Serial; 1 x HDMI; 1 x VGA
- Optional dual antenna pass-through
- 16V DC-in

Size: 635 x 280 x 244 mm

Weight: 1.95 kg

Part No:

- **PCPE-HAV2007** Without pass-through, keyed alike
- **PCPE-HAV2008** With dual pass-through, keyed alike

Only compatible with TOUGHBOOK G2 when used with keyboard accessory



TOUGHBOOK 20/G2 Notebook Vehicle Dock (Gamber-Johnson)

Full port replication:

- 2 x USB 3.0; 1 x LAN; 1 x Serial; 1 x HDMI; 1 x VGA
- Optional dual antenna pass-through
- 16V DC-in

Size: 307 x 295 x 65 mm

Weight: 2.3 kg

Part Nos:

- **PCPE-GJ20V07** No RF, keyed alike
- **PCPE-GJ20V08** Dual RF, keyed alike

Only compatible with TOUGHBOOK G2 when used with keyboard accessory



All technical specifications are subject to change without notice.

PASSIVE MOUNT SOLUTIONS

TOUGHBOOK G2 Passive Mount

Size: 306mm x 223mm x 58/78mm

Weight: starting at 479g

Part Nos:

- PCPE-CDSG2P1 TOUGHBOOK G2 to be operated with rotating hand-strap*
- PCPE-CDSG2P2 TOUGHBOOK G2

* Compatible with Toughmate hand-strap (PCPE-INFG2H1) only, to be purchased separately



TOUGHBOOK G2 MIL Adapter Passive Dock

Size: 330mm x 290mm x 91mm

Weight: starting at 2.45kg

Part Nos:

- PCPE-CDSG2M1 VESA 75mm mounting pattern
- PCPE-CDSG2M1 VESA 100mm mounting pattern



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PILLAR MOUNTING KIT FOR TABLETS (VESA)

Pillar mounting kits

Kit contains:

- 4" pillar clamp with 1.5" ball joint
- 1.5" diameter double socket arm (varying length)
- VESA mounting plate with 1.5" ball

Part No:

PCPE-RAMFRK01	Pillar mount kit with 1.5" ball, 125mm arm and VESA plate
PCPE-RAMFRK02	Pillar mount kit with 1.5" ball, 185 mm arm and VESA plate
PCPE-RAMFRK03	Pillar mount kit with 1.5" ball, 270mm arm and VESA plate



For use with vehicle docks. Vehicle dock must be purchased separately

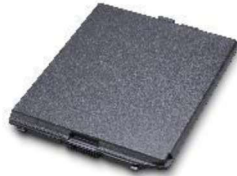
All technical specifications are subject to change without notice.

POWER MANAGEMENT SOLUTIONS

Standard 4.360 mAh Battery Pack

Part No: **FZ-VZSU1TU**

For G2 Standard Model



Long-life 6.300 mAh Battery Pack

Part No: **FZ-VZSU1UU**

For G2 Standard Model



Long-life 6.300 mAh Battery Pack

Part No: **FZ-VZSU1VU**

For G2 Quick Release-SSD Model



AC Adaptor

Part No.: **CF-AA5713A2***
E/G/T/D

*E: UK; G: Continental; T: Italian;
D: Swiss



External 4-bay Battery Charger

Part No: **FZ-VCBG210**

Does not contain AC Adaptor



Contact **mobit** for more info:

- DE/EN/IT: **+41 (0)44 800 16 30**, CH-8306 Brüttisellen
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- E-mail: **info@mobit.ch**
- Contact form on **www.mobit.ch**

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POWER MANAGEMENT SOLUTIONS

Car Charger

120 Watt, 12-32Vdc input

120 Watt, 12-32Vdc input

Part No: **CF-LND1224A**



Car Charger

120 Watt, 12-32Vdc input

Bare Wire

120 Watt, 12-32Vdc input

Part No: **PCPE-LND1224BW**



Car charger (12 - 16VDC)

EIAJ & TypeA both, 80W Part No: **CF-LND80S -FD/BW***

*FD: with vehicle plug; BW: bare wire

Compatible with vehicle dock only



Car Charger

120 Watt, 22-32VDC

MIL-STD

Part No: **PCPE-LND3676**



Car Charger For Forklifts

Part Nos:

- **PCPE-LNDFH11:** 70-110V
- **PCPE-LNDFH32:** 12-32V
- **PCPE-LNDFH60:** 20-60VDC



Car charger (12 - 32VDC)

EIAJ & TypeA both, 80W

Part No: **CF-LND8024 FD/BW***

*FD: with vehicle plug; BW: bare wire

Compatible with vehicle dock only



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CONNECTIVITY

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 1

Solution Type	Part Number	Description
Power Management	FZ-VZSU1TU	Standard 5.000 mAh Battery for Standard Model
	FZ-VZSU1UU	Long-Life 6.800 mAh Battery for Standard Model
	FZ-VZSU1VU	Long Life 6.800 mAh Battery for Quick Release SSD Model
	FZ-VCBG210	4-Bay Battery Charger
	CF-AA5713A2*	AC Adaptor
	CF-LND1224A	Car charger 120W (12 - 32VDC)
	PCPE-LND1224BW	Car charger 120W (12 - 32VDC), Bare Wire
	CF-LND3676	Car charger 120W (22 - 32VDC), MIL-STD
	CF-LND80S-FD/BW	Car Charger (12-16VDC)
	CF-LND8024FD/BW	Car Charger (12-32VDC)
	PCPE-LNDFH11	Car Charger for Forklifts (70-110V)
	PCPE-LNDFH32	Car Charger for Forklifts (12-32V)
	PCPE-LNDFH60	Car Charger for Forklifts (20-60VDC)
Keyboard	FZ-VEKG21L*	Emissive IP65 Backlit Keyboard
Styluses	FZ-VNTG11U	Stylus Tether
	FZ-VNP026U	IP55 Digitiser Pen
	PCPE-CDSG2SH	Pen Holder
Productivity Solutions	FZ-VSCG211U	Smart Card Reader
	FZ-VRFG211U	HR-RFID Reader
	FZ-VFPG221U	Fingerprint Reader
	FZ-VBRG231U	Barcode Reader
	FZ-VTSG211U	Thermal Camera
	FZ-VLNG211U	Gigabit LAN Port
	FZ-VUBG211U	USB 2.0 Type A Port
	FZ-VSRG211U	Native Serial Port
	FZ-WSMG221U	Micro SDXC Port
	PCPE-CDSG2RU	TOUGHBOOK G2 MIL Adaptor
Protection & Security	PCPE-KENLOK2	Kensington Lock
	PCPE-INFG2TG1	Tempered Glass
	PCPE-INFG2PF1	Privacy Screen
	FZ-VPF38U	LCD Protective Film
	CF-VNC002U	LCD Screen Cleaning Cloth
	PCPE-CERG2C1	Keyboard Cover
Carrying Solutions	FZ-VSTG21U	Rotating Hand Strap
	FZ-VNSG21U	Shoulder Strap including screws
	PCPE-INFSS03	Heavy Duty Shoulder Strap
	PCPE-INFG2H1	Rotating Hand Strap (Toughmate)
	PCPE-INFG2AO	Always On Case (Toughmate)
	PCPE-INFG2XS	Elastic X-Strap (Toughmate)
	PCPE-INFG2MF	ModuFlex (Toughmate)
	PCPE-INFUVA1	User Harness (Toughmate)
	PCPE-INFG2MB	Mobility Bundle (Toughmate)
	PCPE-INFG2B1	Mobility Bundle (Toughmate) with Deluxe Shoulder Strap
Desktop Docking Solutions	FZ-VEBG21U	TOUGHBOOK G2 Desktop Cradle
	CF-VEB201U	TOUGHBOOK 20 Desktop Port Replicator (compatible with TOUGHBOOK G2 + Keyboard)

ACCESSORY SUMMARY 2

Solution Type	Part Number	Description
Vehicle Docking Solutions	PCPE-GJG1V* 01/02/05/08/09	TOUGHBOOK G1/G2 Tablet Vehicle Dock (Gamber Johnson)
	PCPE-HAVG1* 03/04	TOUGHBOOK G1/G2 Tablet Vehicle Dock (Havis)
	PCPE-PMTG2*01/02/03	TOUGHBOOK G2 Vehicle Dock (PMT)
	PCPE-GJ20V* 07/08	TOUGHBOOK 20 Vehicle Dock Gamber Johnson (compatible with TOUGHBOOK G2 + Keyboard)
	PCPE-HAV20* 07/08	TOUGHBOOK 20 Vehicle Dock Havis (compatible with TOUGHBOOK G2 + Keyboard)
Passive Mount Solutions	PCPE-CDSG2P1	TOUGHBOOK G2 Passive Mount to be operated with TOUGHMATE hand strap (to be purchases separately)
	PCPE-CDSG2P2	TOUGHBOOK G2 Passive Mount
	PCPE-CDSG2M1/2	TOUGHBOOK G2 MIL Adapter Passive Dock
Pillar mounting kits	PCPE-RAMFRK01	Pillar mount kit with 1.5" ball, 125mm arm and VESA plate
	PCPE-RAMFRK02	Pillar mount kit with 1.5" ball, 185 mm arm and VESA plate
	PCPE-RAMFRK03	Pillar mount kit with 1.5" ball, 270mm arm and VESA plate
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

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ACCESSORY SUMMARY 3

Solution Type	Part Number	Description
Professional Services	PCPE-PSBIOSG	Custom BIOS Service – Gold
	PCPE-PSBDEVA	BIOS Development
	PCPE-PS20GIM	Image deployment per device (MOQ 30)
	PCPE-PSSIMIN	SIM Installation
	PCPE-PSATAG1	Asset Tagging
	PCPE-PSATAGB	Information Management Bundle
	PCPE-PSAUTOP	Autopilot Enrolment
	PCPE-PSLOGOB	Custom logo badge
	PCPE-PSSPACK	Solution Packaging
	PCPE-PSBTM01	Bespoke Training Material
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)
	CF-LESPBAEE1	1 Year Smart Battery Monitor (Elemex Battery Essentials)
	CF-LESPBAEE3	3 Year Smart Battery Monitor (Elemex Battery Essentials)
	CF-LESPBAEE5	5 Year Smart Battery Monitor (Elemex Battery Essentials)
Lifecycle support solutions	PCPE-PROTP3	TOUGHBOOK ProTect PLUS 3 Years (Incl. 3 yr Battery Confidence)
	PCPE-PROTP4	TOUGHBOOK ProTect PLUS 4 Years (Incl. 3 yr Battery Confidence)
	PCPE-PROTP5	TOUGHBOOK ProTect PLUS 5 Years (Incl. 3 yr Battery Confidence)
	PCPE-INFAB3	TOUGHBOOK Infinity 3 Years (Incl. 3 yr Battery Confidence)
	PCPE-INFAB4	TOUGHBOOK Infinity 4 Years (Incl. 3 yr Battery Confidence)
	PCPE-INFAB5	TOUGHBOOK Infinity 5 Years (Incl. 3 yr Battery Confidence)



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