





# 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 10th Generation Intel® Core™ processor, delivering incredible performance, and is shipping with Windows 10 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™ i5-10310U vPro™ Processor
- Windows 10 Pro
- Intel® UHD Graphics
- Next generation IPSa outdoor display technology
- 10.1" high brightness WUXGA (1920x1200) display (up to 1.000cd/m<sup>2</sup>)
- Capacitive 10 finger multi-touchscreen + digitizer
- 180 cm drop resistant\*
- Water and dust resistant (IP65)\*
- Up to 12 hours battery life
- User exchangeable battery
- Optional Hot swap function
- Flexible configuration port (Serial, LAN, USB 2.0 or Thermal by FLIR, Barcode Reader)
- Rear expansion area (Smart Card Reader, HF-RFID)
- Lightweight design - weights approx. 1,19kg

\* Test by an independent third-party lab following MILSTD810H and IP65 will be done 2H 2021

*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



## DESKTOP DOCKING SOLUTIONS

### TOUGHBOOK G2 Desktop Cradle

Size: t.b.a.

Weight: t.b.a.

Part Nos:

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



### TOUGHBOOK G1 Desktop Cradle

Size: 31.0 x 23.0 x 17.2 cm

Weight: 1.5 kg

Part Nos:

- FZ-VEBG11AU HDMI and VGA can be used simultaneously.

*Compatible with TOUGHBOOK G2 Tablet*



### TOUGHBOOK 20 Desktop Port Replicator

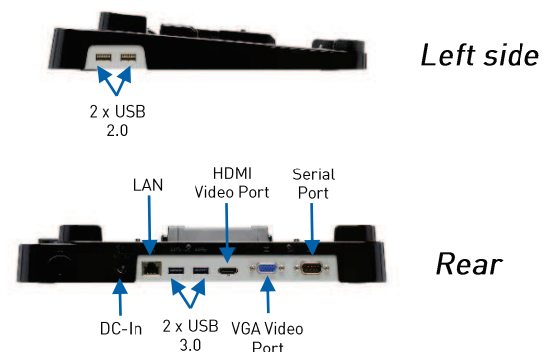
With full port replication.

Size: 315mm x 270mm x 50mm

Weight: 1.6 kg

Part No: CF-VEB201U

*Compatible with TOUGHBOOK G2 Tablet + Keyboard*



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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
- Option 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 Vehicle Dock (Havis)

Ports:

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

Size: 255 x 289 x 111 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)

Ruggedised vehicle dock with full port replication and optional dual antenna pass-through. Non-electronic version also available.

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

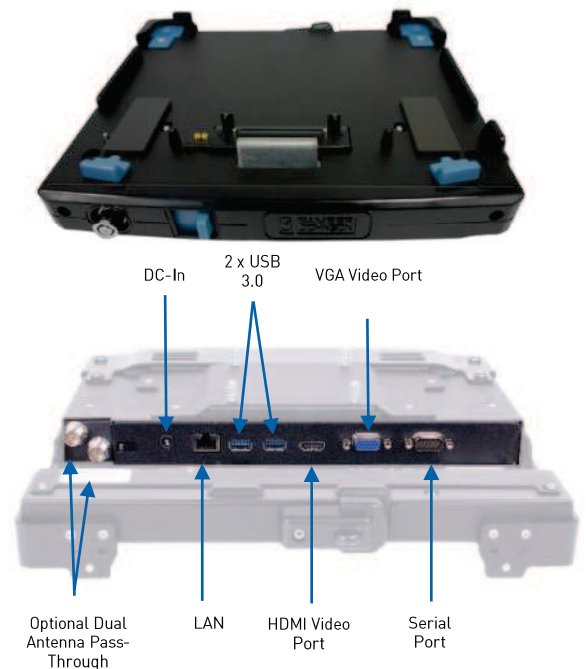
Size: 307 x 295 x 65 mm

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*



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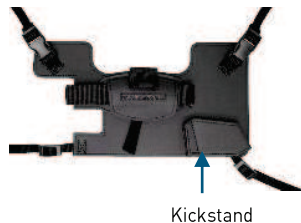
## CARRYING SOLUTIONS

### TOUGHBOOK G2 Rotating Hand Strap

Size: 243 x 127 x 15.5 mm

Weight: 0.135 kg

Part no: FZ-VSTG21U



### Toughmate Rotating Hand Strap

Details coming soon.  
Image is not of actual  
product – for illustration  
purposes only.

Part no: TBC



### TOUGHBOOK G2 Elastic X-Strap

Details coming soon.  
Image is not of actual  
product – for illustration  
purposes only.

Part no: TBC



### TOUGHBOOK G2 Mobility Bundle

Details coming soon.  
Image is not of actual  
product – for illustration  
purposes only.

Part no: TBC



### TOUGHBOOK G2 Always On Case

Details coming soon.  
Image is not of actual  
product – for illustration  
purposes only.

Part no: TBC



### TOUGHBOOK G2 Modu-Flex

Details coming soon.  
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product – for illustration  
purposes only.

Part no: TBC



### DuraStrap Breakaway Shoulder Strap

Details coming soon.  
Image is not of actual  
product – for illustration  
purposes only.

Part no: TBC



### TOUGHBOOK G2 DuraStrap X

Details coming soon.  
Image is not of actual  
product – for illustration  
purposes only.

Part no: TBC



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## 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\*



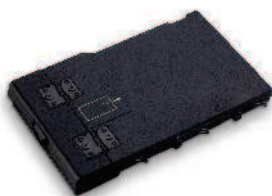
### TOUGHBOOK G2 Smart Card Reader

(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 IP55 DIGITISER PEN

Size: 117.5mm x Ø9.0

Weight: 6.2 g

Part no: FZ-VNP026U



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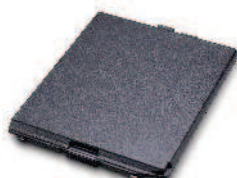


## POWER MANAGEMENT SOLUTIONS

### Standard 5.000 mAh Battery Pack

Part No: FZ-VZSU1TU

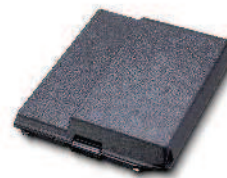
For G2 Standard Model



### Long-life 6.800 mAh Battery Pack

Part No: FZ-VZSU1UU

For G2 Standard Model



### Long-life 6.800 mAh Battery Pack

Part No: FZ-VZSU1VU

For G2 Quick Release-SSD Model

### AC Power Supply

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

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



### Car Charger

EIAJ & TypeA both, 80W (12 - 32VDC)

Part No: CF-LND8024 FD/BW\*

\*FD: with vehicle plug; BW: bare wire



### External 4-bay Battery Charger

Part No: FZ-VCBG21\*

E/G/T/D

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

Coming November 2021



### Car Charger For Forklifts

Part Nos:

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



### Car Charger

EIAJ & TypeA both, 80W (12 - 16VDC)

Part No: CF-LND80S-FD/BW\*

\*FD: with vehicle plug; BW: bare wire



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## SECURITY AND PROTECTION SOLUTIONS

### Kensington Lock

Part No: PCPE-KENL0K1



### Protective Film for LCD

Replacement for protective film pre-installed on TOUGHBOOK

Part No: FZ-VPF38U



### LCD Screen Cleaning Cloth

Part No: CF-VNC002U

MOQ: 10 pcs



## MOBILE PRINT SOLUTIONS

### PJ7 Series A4 Mobile Printers

Perfectly dimensioned for your briefcase or computer bag, PJ7 series of compact, direct thermal printers can also be easily mounted in your vehicle. Take it out on the road and make sure your clients and customers receive those all-important documents in an instant. Available with 300 dpi print resolution, and with USB, Bluetooth or Wi-Fi.

Part No.:	PCPE-BRPJ763	PJ763 A4 mobile printer, 300 dpi with USB & Bluetooth
	PCPE-BRPJ773	PJ773 A4 mobile printer, 300 dpi with USB, Wi-Fi and AirPrint



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## PRODUCTIVITY SOLUTIONS

### Compact Wearable Barcode Scanner

Part Nos:

- PCPE-PGLSCN1 – Standard Range
- PCPE-PGLSCN2 – Mid Range



### Barcode Scanner Charging Cradle

With International plugs

Part No: PCPE-PGLCHR3



### Index Trigger Wrap - 3 Pcs. Pack

Part Nos:

- PCPE-PGLITSL - Left Hand, Size Small
- PCPE-PGLITML - Left Hand, Size Medium
- PCPE-PGLITLL - Left Hand, Size Large
- PCPE-PGLITSR - Right Hand, Size Small
- PCPE-PGLITMR - Right Hand, Size Medium
- PCPE-PGLITLR - Right Hand, Size Large



### Bluetooth Headset

Part No: PCPE-MODBTH1



### Headset Battery Charger – 10 bay

Part No: PCPE-MOD10BC



### Replaceable Batteries – 25 pack

Part No: PCPE-MODBAT1



Contact for consumables – ear pads and  
microphone windscreen

All technical specifications are subject to change without notice.

## 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-VCBG21*	External 4-Bay Battery Charger (from November 2021)
	CF-AA5713A2*	AC Power Supply
	CF-LND8024 FD/BW	Car charger EIAJ & TypeA both, 80W (12 - 32VDC)
	CF-LND80-S FD/BW	Car charger EIAJ & TypeA both, 80W (12 - 16VDC)
	PCPE-LNDFH11	Car Charger (70-110V) For forklift
	PCPE-LNDFH32	Car Charger (12-32V) For forklift
	PCPE-LNDFH60	Car Charger (20-60VDC) For forklift
Keyboard	FZ-VEKG21L*	USB Keyboard (US English)
Styluses	FZ-VNTG11U	Stylus Tether
	FZ-VNP026U	IP55 Digitiser Pen
Productivity Solutions	FZ-VSCG211U	Smart Card Reader
	FZ-VRFG211U	HR-RFID Reader
	PCPE-MOdBTH1	Bluetooth Headset
	PCPE-MOD10BC	Bluetooth Headset 10 Bay Charger
	PCPE-MOdBAT1	Bluetooth Headset
Protection & Security	PCPE-KENLOK1	Kensington Lock Replaceable Batteries – 25 pack
	FZ-VPFG11U	LCD Protective Film
	CF-VNC002U	LCD Screen Cleaning Cloth
Carrying Solutions	FZ-VSTG21U	Rotating Hand Strap
Mobile Printing Solutions	PCPE-BRPJ763	PJ763 A4 mobile printer, 300 dpi with USB & Bluetooth
	PCPE-BRPJ773	PJ773 A4 mobile printer, 300 dpi with Wi-Fi & AirPrint

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## ACCESSORY SUMMARY 2

Solution Type	Part Number	Description
Desktop Docking Solutions	FZ-VEBG21U	TOUGHBOOK G2 Desktop Cradle
	FZ-VEBG11AU	TOUGHBOOK G1 Desktop Cradle (compatible with TOUGHBOOK G2)
	CF-VEB201U	TOUGHBOOK 20 Desktop Port Replicator (compatible with TOUGHBOOK G2 + Keyboard)
Vehicle Docking Solutions	PCPE-GJG1V* 01/02/05	TOUGHBOOK G1/G2 Vehicle Dock (Gamber Johnson)
	PCPE-HAVG1* 03/04	TOUGHBOOK G1/G2 Vehicle Dock (Havis)
	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)
Professional Services	PCPE-PSBIOSG	Custom BIOS Service – Gold
	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-PSCDL01	Customised Deployment / Logistics
Smart Essentials	PCPE-PSBTM01	Bespoke Training Material
	CF-LESPSSSM3/5	Smart Service self managed licence – 3 or 5 years
	CF-LESPBAEE1/3/5	Smart Battery Monitor software licence – 1, 3 or 5 years
	CF-LESPDAEE1/3/5	Smart Device Monitor software licence – 1, 3 or 5 years
Lifecycle Support	CF-LESPSESS1/3/5	Smart Essentials Bundles – 1, 3 or 5 years
	FZ-LESPEW* 4/5	Extended Warranty
	FZ-LESPAD* 3/4/5	Accidental Damage Warranty
	CF-LESPBASS* 3/4/5	Smart Battery Warranty

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