





# TOUGHBOOK CF-D1

## THE FULLY RUGGED DIAGNOSTIC TABLET

To ensure this Toughbook Diagnostic Tablet has the power to fulfil its industrial purpose, it uses the third generation Intel® Core™ Platform and runs the Windows 10 Pro operating system. For convenient use by engineers, the device can be used in a docking cradle with a flexible angle to allow easy viewing in various usage scenarios. The device can also be held with the addition of an optional hand strap or attached to extendable legs, which allow the device to stand alone, alongside the engineer.

- Intel® Core™ i5-6300U vPro™ Processor
- Windows 10 Pro
- Intel HD graphics 520
- 13.3" widescreen HD LED display with Touchscreen
- Triple modular bay
- Shock-protected HDD
- Drop resistant from a height of 90cm\*
- Water / Dust protected according to IP65\*
- Industry specific carrying and docking solutions
- Up to 9 hours battery life

\* Tested at Panasonic factory

## TOUGHBOOK CF-D1 / CF-D1 ACCESSORY ECOSYSTEM



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

## POWER MANAGEMENT SOLUTIONS

### Battery Charger

Part No: CF-VCBTB3W



### Replacement Battery Pack

Part no: CF-VZSU73U



### AC/DC Combo Adaptor

Part No: PCPE-LNDAC01



### AC Power Supply

Part No: CF-AA5713A\*  
E/G/T/D

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



### Mil Spec Vehicle Charger

90W (11 to 32VDC)

Part No: CF-LNDMLSTD



### Car Charger

Part No: CF-LND1224A



### Forklift Car Charger

Part Nos:

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



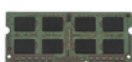
## PERFORMANCE SOLUTIONS

### Additional Memory

(PC3L-12800: DDR3)

Part No:

- CF-WMBA1304G 4GB
- CF-WMBA1308G 8GB



Please refer to third party accessory catalogue or the website for full product details

## PRODUCTIVITY SOLUTIONS

### USB Keyboard (US English)

Part No: PCPE-KEYB



### Rugged USB Keyboard

Part No: PCPE-MMRK01\*

\*E: English; F: French; G: German



### Mini Rugged Wireless Keyboard

With Bluetooth

Part No: PCPE-ACDS\*

\*UK1: UK; FR2: French



### Stylus Tether

Part No: PCPE-INFUVA2



### CF-D1 Stylus Pen

Part No: CF-VNP019U



### Bluetooth Barcode Scanner

For 1D & 2D barcodes

Part No: PCPE-SMBCR01



### Slimline Mobile DVD-RW Drive

USB powered

Part No: PCPE-FCDVR04



### USB RFID Reader

Part No: PCPE-CRRFID1



### USB 3.0 Multi Card Reader

5 memory card slots.

Part No: PCPE-LDY43150



Please refer to third party accessory catalogue or the website for full product details

## CONNECTIVITY SOLUTIONS

### Semi-Rugged 4G/WiFi Router

2 port 4G LTE + WiFi Router w/AC PSU



Part Nos:

- PCPE-CRDLLP2 Router only
- PCPE-CRDSOL1 Router with MIMO Antenna

### Rugged 4G/WiFi Router

4G router with active GPS, 802.11ac WiFi for up to 128 devices, and ignition sensing. Also NPIA Spec5 approved



Part No: PCPE-CRDL110

### Wireless USB Adapter

Part No: PCPE-ZYWAN30



## SECURITY & PROTECTION SOLUTIONS

### LCD Screen Cleaning Cloth

Part No: CF-VNC001W

MOQ: 10 pcs



### Protective LCD Film

10 sheets

Part No: CF-VPF23U



### Kensington Lock

Part No: PCPE-KENLOK1



Please refer to third party accessory catalogue or the website for full product details

## CARRYING SOLUTIONS

### CF-D1 Frame and Synthetic Harness

With 4-point user harness with synthetic cross-piece

Part No: PCPE-SYSLD11



### CF-D1 Frame and Webbing Harness

With 4-point user harness and webbing cross-piece

Part No: PCPE-SYSLD12



### 4-Point User Harness

With synthetic cross piece

Part No: PCPE-SYS4PH1



### Generic DuraStrap

Waterproof and cleanable shoulder strap

Size: 1524 x 25.4 x 6.4 mm / 60 x 1 x 0.25"

Weight: 0.13 Kg / 0.28 lb

Part No: PCPE-INFGNDS



### Synergy Laptop Rucksack

For devices with screen sizes up to 15.6"

Size: 254 x 330 x 460 mm / 10 x 13 x 18"

Weight: 1 kg / 2.2 lbs

Part No: PCPE-WENSYN1



### Top Traveler PRO Bag

Black

Size: 410 x 300 x 170 mm / 16.14 x 11.81 x 6.69"

Weight: 1.4kg / 3.1 lbs.

Part No: PCPE-DCTBAG7



Please refer to third party accessory catalogue or the website for full product details

## DOCKING SOLUTIONS

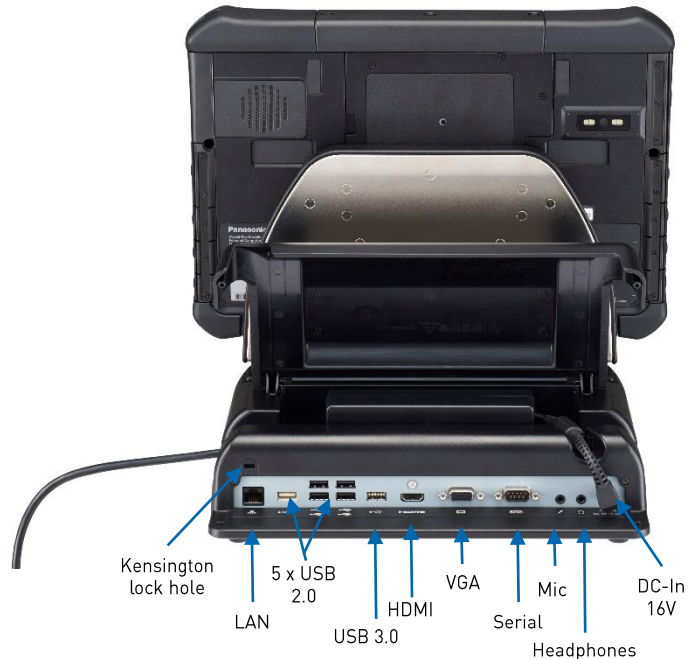
### Desktop Cradle for CF-D1

With DVD drive.

Size: Approx. 292 x 233 x 284 / 11.5" x 9.2" x 1

Weight: Approx. 5kg / 11 lb

Part No: CF-VEBD11U



### CF-D1 Vehicle Dock

Size: 249.4 x 165.9 x 76.7 mm / 9.82" x 6.53" x 3.02"

Weight: 0.45 kg / 1.0 lb

Part Nos:

- PCPE-GJD1V01 (With Electronics, without Antenna Pass Through)
- PCPE-GJD1V02 (With Electronics, with Antenna Pass-Through)



Please refer to third party accessory catalogue or the website for full product details



## MOBILE PRINTING SOLUTIONS

### MW Series A6 & A7 Lightweight Printers

The extremely small and lightweight MW printers are easy-to-operate mobile printing solutions for printing A6 & A7 documents. Works with a range of printing materials, including a 2-ply carbon copy paper, ideal for receipt and ticket printing.

Part No.:	PCPE-BRP145B	MW-145BT A7 Mobile Printer (USB & Bluetooth)
	PCPE-BRPMW26	MW-260 A6 Mobile Printer (USB & Bluetooth)



### PJ6 Series A4 Mobile Printers

Perfectly dimensioned for your briefcase or computer bag, PJ6 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 in 200 or 300 dpi print resolution, and with USB, Bluetooth or Wi-Fi.

Part No.:	PCPE-BRP6221	PJ622 A4 Mobile Printer (200dpi, USB)
	PCPE-BRPEG01	PJ623 A4 Mobile Printer (300dpi, USB)
	PCPE-BRP6621	PJ662 A4 Mobile Printer (200dpi, USB & Bluetooth)
	PCPE-BRP6631	PJ663 A4 Mobile Printer (300dpi, USB & Bluetooth)
	PCPE-BRP6731	PJ673 A4 Mobile Printer (300 dpi, USB & Wi-Fi)



### RJ3 Series 3" Mobile Printers

The rugged RJ-3150 portable printer has a 3.3" colour LCD display and is an ideal on-person device for mobile workers needing a 2" or 3" print solution with preview.

Part No.:	PCPE-BRP3050	RJ3050 Mobile Receipt Printer (USB, serial, Bluetooth & Wi-Fi)
	PCPE-BRP3150	RJ3150 Mobile Receipt & Label Printer (USB, serial, Bluetooth & Wi-Fi)



### RJ4 Series 4" Mobile Printers

The rechargeable RJ-4030 is an extra tough, super-fast printing solution with IP54 rating which means it is dustproof and waterproof, and always ready to print 4" labels, receipts, quotes and invoices on the go. Available with Bluetooth or Wi-Fi.

Part No.:	PCPE-BRPRJ30	RJ4030 Mobile Printer (USB, serial & Bluetooth)
	PCPE-BRPRJ40	RJ4040 Mobile Printer (USB, serial & Wi-Fi)



### TD2000 Series 2" Portable Printers

2.2" labelling & receipt print solutions with spindle-less design to accommodate 5" diameter rolls. Options for TD2120N and TD2130N include Touch Display unit, Battery Base, Lithium Battery, Wi-Fi and Bluetooth connectivity.

Part No.:	PCPE-BRP2020	TD2020
	PCPE-BRP2120	TD2120N (200dpi, with optional WiFi & Bluetooth)
	PCPE-BRP2130	TD2130N (300dpi, with optional WiFi & Bluetooth)



### DS720D Mobile 2-Sided Scanner

Offering simultaneous 2-sided scanning, industry-leading software, and Mac and Windows compatibility, the DS-720D helps you save time and get more done in a host of handy ways. Powered by your laptop's USB, the DS-720D allows you to scan up to A4 Size at up to 600dpi, and save, manipulate and share your files away from your desk

Part No.:	PCPE-BRP720D	DS-720D Mobile 2-Sided Scanner
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Please refer to third party accessory catalogue or the website for full product details

## PROFESSIONAL SERVICES

### Disk Imaging

Up to 20GB

MOQ: 30

Part No: PCPE-PS20GIM

### SIM Installation

Part No: PCPE-PSSIMIN

### Information Management Bundle

IMEI, MAC, SIM, ASSET reporting.

Part No: PCPE-PSATAGB

### Customer Branding

MOQ: 100

Part No:

- PCPE-PSBRAND - Logo badge & BIOS logo
- PCPE-PSLOGOB - Logo badge only
- PCPE-PSBIOSL - BIOS logo only

### Customised Deployment / Logistics

Part No: PCPE-PSCDL01

Price on Request

### Bespoke Training Material

Part No: PCPE-PSBTM01

Price on Request

### MAC Address Stickers

Applied to unit

Part No: PCPE-PSMACAD

### Asset Tagging

Standard, using CPE label set.

Part No: PCPE-PSATAG1

### Solution Packaging

Up to 10 items packaged together in a box.

Does not include custom designed case.

Part No: PCPE-PSSPACK

### User Profile Setup

Part No: PCPE-PSITS01

Price on Request

### HDD / SSD Duplication

Does not include hardware.

Part No: PCPE-PSHDDD1

Price on Request

*Please refer to third party accessory catalogue or the website for full product details*

## LIFECYCLE SUPPORT SOLUTIONS

### Extended Warranty (5 years)

Panasonic's Extended Warranty provides an additional two years of warranty, helping you to minimise repair costs and maximise the life cycle of your Toughbook or Toughbook.

Part No.: CF-LESPEW5

### Accidental Damage (3 or 5 years)

Panasonic's Accidental Damage Warranty provides protection against any eventuality out in the field for up to 5 years, providing you and your workforce with complete peace of mind.

Part No.: CF-LESPAD\* \*3 / 5 (5 year option includes Extended Warranty for 5 years)

### Extended Battery Warranty (3, 4 or 5 years)

Panasonic's Extended Battery Damage Warranty provides protection against battery failure for up to 5 years, maintaining performance beyond the standard 6 month cover.

Part No.: CF-LESPBAEW\* \*3 / 4 / 5

### Hard Drive Warranty (3, 4 or 5 years)

Panasonic's Hard Drive Warranty allows you to keep your original hard drive in the event of a replacement being required, or in the event that your device needs to be sent for repair, ensuring the security of your sensitive data.

Part No.: CF-LESPHDEW\* \*3 / 4 / 5

### Data Security Warranty (1, 2, 3, 4, 5 years)

In partnership with Absolute® Software, centrally manage your Toughbook or Toughbook devices within a single interface for complete computer security with Absolute® Data & Device Security (DDS).

Part No.: Absolute DDS Premium PCPE-ABSDPM\* \*1 / 2 / 3 / 4 / 6  
Absolute DDS Professional PCPE-ABSDPR\* \*1 / 2 / 3 / 4 / 6

### Docking Station Accidental Damage Cover (3, 4, or 5 years)

Part No.: CDS-LESPAD\* \*3 / 4 / 5 Panasonic Dock – 3, 4 or 5 years Accidental Damage Warranty  
CDS-LESPTAD\* \*3 / 4 / 5 3rd Party Dock – 3, 4 or 5 years Accidental Damage Warranty

### NetMotion Mobility, Locality and Diagnostics Software (1,3, or 5 years)

More than just a VPN, "Mobility" software can dynamically maintain access to applications through changing network conditions, allowing mobile workers to remain productive anywhere their work takes them.

Part No.: PCPE-NMW 1/3/5\*\*\* NetMotion Mobility for Windows (plus 1, 3 or 5 years maintenance)  
PCPE-NLW 1/3/5\*\*\* NetMotion Mobility & Locality for Windows (plus 1, 3 or 5 years maintenance)

*Please refer to specific NetMotion pricelist for full part numbers.*

*Please refer to third party accessory catalogue or the website for full product details*

## ACCESSORY SUMMARY 1

Solution Type	Part Number	Description
Power Management	CF-VZSU73U	Replacement Battery Pack
	CF-VCBTB3W	Battery Charger
	PCPE-LNDAC01	AC/DC Power Adaptor
	CF-AA5713A* E/G/T/D	AC Power Supply *E: UK; G: Continental; T: Italian ; D: Swiss
	PCPE-ACCUK	UK Power Cord
	CF-LND1224A	Car Charger
	CF-LNDMLSTD	Mil Spec Vehicle Charger
	PCPE-LNDFH11	Car Charger (70-110V) For forklift
	PCPE-LNDFH32	Car Charger (12-32V) For forklift
Memory & Performance	PCPE-LNDFH60	Car Charger (20-60VDC) For forklift
	CF-WMBA1304G	4GB RAM (PC3L-12800: DDR3)
Keyboards	CF-WMBA1308G	8GB RAM (PC3L-12800: DDR3)
	PCPE-KEYB	USB Keyboard (US English)
	PCPE-MMRK01* E/F/G	Rugged USB Keyboard (*E: English; F: French; G: German)
Styluses	PCPE-ACDS* UK1/FR2	Mini Rugged Wireless Keyboard (UK1: UK; FR2: French)
	PCPE-INFUVA2	Stylus Tether
Peripherals	CF-VNP019U	CF-D1 Stylus Pen
	PCPE-SMBCR01	Socket Mobile 2D Barcode Scanner
	PCPE-FCDVR04	Slimline Mobile DVD-RW Drive USB powered
	PCPE-CRRFID1	USB RFID Reader
Connectivity	PCPE-LDY43150	USB 3.0 Multi Card Reader
	PCPE-CRDLLP2	Semi-Rugged 4G/WiFi Router
	PCPE-CRDSOL1	Semi-Rugged 4G/WiFi Router with MIMO Antenna
	PCPE-CRDL110	Rugged 4G/WiFi Router
Protection & Security	PCPE-ZYWAN30	Wireless USB Adapter
	CF-VNC001W	Cleaning Cloth for LCD
	CF-VPF23U	Protective LCD film
Carrying Solutions	PCPE-KENLOK1	Kensington Lock
	PCPE-SYSLD11	CF-D1 Frame and Synthetic Harness
	PCPE-SYSLD12	CF-D1 Frame and Webbing Harness
	PCPE-SYS4PH1	4-Point User Harness with synthetic cross-piece
	PCPE-INFGNDS	Generic DuraStrap
	PCPE-WENSYN1	Synergy Laptop Rucksack
Docking Solutions	PCPE-DCTBAG7	Top Traveler Pro Bag
	CF-VEBD11U	Desktop Cradle for CF-D1 (with DVD Drive)
Professional Services	PCPE-GJD1V01/02	CF-D1 Vehicle Dock
	PCPE-PS20GIM	Disk Imaging
	PCPE-PSMACAD	MAC Address Stickers
	PCPE-PSSIMIN	SIM Installation
	PCPE-PSATAG1	Asset Tagging
	PCPE-PSATAGB	Information Management Bundle
	PCPE-PSATAG1	Solution Packaging

## ACCESSORY SUMMARY 2

Solution Type	Part Number	Description
Professional Services	PCPE-PSBRAND	Logo badge & BIOS logo
	PCPE-PSLOGOB	Logo badge only
	PCPE-PSBIOSL	BIOS logo only
	PCPE-PSITS01	User Profile Setup
	PCPE-PSCDL01	Customised Deployment / Logistics
	PCPE-PSHDDD1	HDD / SSD Duplication
	PCPE-PSBTM01	Bespoke Training Material
Mobile Printing Solutions	PCPE-BRP145B	MW-145BT A7 Portable Printer (with USB & Bluetooth)
	PCPE-BRPMW26	MW-260 A6 Mobile Printer (with USB & Bluetooth)
	PCPE-BRP6221	PJ-622 A4 Mobile Printer (200dpi with USB)
	PCPE-BRPEG01	PJ-623 A4 Mobile Printer (300dpi with USB)
	PCPE-BRP6621	PJ-662 A4 Mobile Printer (200dpi with USB & Bluetooth)
	PCPE-BRP6631	PJ-663 A4 Mobile Printer (300dpi with USB & Bluetooth)
	PCPE-BRP6731	PJ-673 A4 Mobile Printer (300 dpi with USB & Wi-Fi)
	PCPE-BRPVC01	PJ Series mount from Gamber Johnson
	PCPE-BRP3050	RJ3050 Mobile Receipt Printer (with USB, serial, Bluetooth & Wi-Fi)
	PCPE-BRP3150	RJ3150 Mobile Receipt & Label Printer (with USB, serial, Bluetooth & Wi-Fi)
	PCPE-BRPRJ30	RJ-4030 4" Mobile Printer (with USB, serial & Bluetooth)
	PCPE-BRPRJ40	RJ-4040 4" Mobile Printer (with USB, serial & Wi-Fi)
	PCPE-BRP2020	TD2020 Mobile Printer (200 dpi)
	PCPE-BRP2120	TD2120N Mobile Printer (200dpi, with optional Wi-Fi & Bluetooth)
PCPE-BRP2130	TD2130N Mobile Printer (300dpi, with optional Wi-Fi & Bluetooth)	
PCPE-BRP720D	DS-720D Mobile 2-Sided Scanner	
Lifecycle Support Solutions	CF-LESPEW5	Extended Warranty
	CF-LESPAD* 3/5	Accidental Damage Warranty (3 or 5 years)
	CF-LESPPAEW* 3/4/5	Extended Battery Warranty (3 to 5 years)
	CF-LESPPHDEW *3/4/5	Hard Drive Warranty
	PCPE-ABSPPM* 1/2/3/4/6 or PCPE-ABSPPR* 1/2/3/4/6	Data Security Warranty
	CDS-LESPAD* 3/4/5	Panasonic Dock – 3, 4 or 5 years Accidental Damage Warranty
	CDS-LESPTAD* 3/4/5	3rd Party Dock – 3, 4 or 5 years Accidental Damage Warranty
	PCPE-NMW 1/3/5*** PCPE-NLW 1/3/5***	NetMotion Mobility & Diagnostics software and training (Please refer to specific NetMotion data sheet or pricelist for full part numbers)

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