Panasonic

BUSINESS

Toughpad FZ-A2 mk1
Solution Guide

TOUGHPAD FZ-A2

FULLY RUGGED, FAN-LESS ANDROID™ 6.0 TABLET WITH 10.1" OUTDOOR DISPLAY

The 10.1" Android™ powered Toughpad FZ-A2 delivers true ruggedness and is ideal for highly mobile outdoor workers in challenging conditions. With its capacitive, sunlight viewable 10-finger multi-touch IPS display, flexible configurable ports and business expansion capability, this Android 6.0" device can be used in the field whilst benefitting from connectivity options to ensure data is always available when needed.

- Intel® Atom™ x5-Z8550 Processor
- Android™ 6.0 Marshmallow (including Android for Work)
- Fan-less design
- Intel HD Graphics
- 10" WUXGA (1920x1200) outdoor display (up to 800cd/m²)
- Capacitive 10 finger multi-touchscreen
- 120cm drop resistant*
- Water and dust resistant (IP65)*
- Up to 9 hours battery life

- User field exchangeable battery
- Hot swap battery optional (in combination with business expansion module)
- USB 3.1 type C OTG
- Flexible configuration port (2D barcode reader, LAN)**
- Integrated business expansion module (Smartcard Reader, NFC)**
- Lightweight - weighs approx. 880g

*Tested at Panasonic Factory
**Optional

TOUGHBOOK FZ-A2 ACCESSORY ECOSYSTEM

Lifecycle Support

Power Management

Professional Services

Connectivity

Printers

Cleaning & Protection

Docks

Stylus

Cases and Straps

Keyboards

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

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POWER MANAGEMENT SOLUTIONS

Li-ion Battery Pack

Part No: **CF-VZSU0QW**

4-bay Battery Charger

With AC adaptor

Part No: **CF-VCB201***

(Includes CF-AA5713A)

*E: UK; G: EU; T: Italy; D: Switzerland

Car charger (12 - 16VDC)

EIAJ & TypeA both, 80W

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

*FD: with vehicle plug; BW: bare wire

Car charger (12 - 32VDC)

EIAJ & TypeA both, 80W

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

*FD: with vehicle plug; BW: bare wire

AC Power Supply

Standard 65W

Part No: **CF-AA6413C***

*E: UK; G: EU; T: Italy; D: Switzerland

Mil Spec Vehicle Charger

90W (11 to 32VDC)

Part No: **CF-LNDMLSTD**

AC/DC Combo Adaptor

Part No: **PCPE-LNDAC01**

Car Charger For Forklifts

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

AC Power Supply

Part No: **CF-AA5713A***

For MIL, 110W

*E: UK; G: EU; T: Italy; D: Switzerland

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

TOUGHPAD

PROSERVICES

CONNECTIVITY SOLUTIONS

Semi-Rugged 4G/WiFi Router

2port 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**

LAN Port Saver Cable

Part No: **PCPE-LANCAB1**

WiFi Antenna

With 3M Loose

Part No: **PCPE-WLANANT**

4G Antenna

With 5M Loose TNC

Part No: **CDS-504505**

Low Profile MIMO 2/3/4G/GPS Antenna

With 5m cable

Part No: **PCPE-PAN4G01**

Low Profile Cell / LTE / WiFi / GPS Antenna

With 5m cable

Part Nos:
- **PCPE-PAN4G09** (Black)
- **PCPE-PAN4G10** (White)

SECURITY & PROTECTION SOLUTIONS

LCD Screen Cleaning Cloth
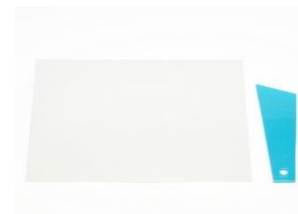
Part No: **CF-VNC001W**

MOQ: 10 pcs

LCD Protective Film

Replacement for protective film pre-installed on Toughbook FZ-A2

Part No: **CF-VPF31U**

Kensington Lock

Part No: **PCPE-KENLOK1**

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

PRODUCTIVITY SOLUTIONS

Replacement FZ-A2 Stylus

IP55 rated.

Part No:
- CF-VNP022U – Capacitive
- CF-VNP023U – Digitiser

Capacitive Stylus Pen

Part No: PCPE-LDYST01

Stylus Tether

Part No: PCPE-INFUVA2

USB 3.0 Multi Card Reader

5 memory card slots.

Part No: PCPE-LDY43150

USB RFID Reader

Part No: PCPE-CRRFID1

Mobile Bluetooth Barcode Scanner

For 1D & 2D barcodes

Part No: PCPE-SMBCR01

Mini Rugged Wireless Keyboard

With Bluetooth

Part No: PCPE-ACDS*

*UK1: UK; FR1: French

Rugged USB Keyboard

Part No: PCPE-MMRK01*

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

USB Keyboard (US English)

Part No: PCPE-KEYB

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

CARRYING SOLUTIONS

Panasonic Rotating X-Strap

Part No: CF-VST2011U

CF-20 / FZ-A2 Mobility Bundle

Contains shoulder strap and handle.

Length of shoulder strap:

Part No: PCPE-INF20B1

CF-20 / FZ-A2 Tablet Case (Non Docking)

With screen flap and standard shoulder strap.

Size: 289 x 220 x 39 mm / 11.4 x 8.7 x 1.5"

Weight: 436g / 0.96 lb

Part No: PCPE-SYS1548

CF-20 / FZ-A2 Tablet Case (Dockable)

With screen flap and standard shoulder strap.

Size: 289 x 220 x 39 mm / 11.4 x 8.7 x 1.5"

Weight: 436g / 0.96 lb

Part No: PCPE-SYS1550

CF-20 / FZ-A2 Bi-Fold Tablet & Keyboard Case

Keyboard not included – Designed for use with PCPE-ACDSUK1/FR2

Dimensions: 280 x 230 x 40mm / 11.0 x 9 x 1.6"

Weight: 375.3g / 0.83lb

Part No: PCPE-SYS1551

CF-20 Synthetic Holster

For Vehicle Mounting. Accommodates FZ-A2

Dimensions: 326 x 293 x 48 mm / 12.8 x 11.5 x 1.8"

Weight: 588.8g / 1.29lb

Part No: PCPE-SL20VH1

FZ-A2 Always On Case

Dimensions: 280 x 230 x 40mm / 11.0 x 9 x 1.6"

Weight: 375.3g / 0.83lb

Part No: TBC

General User Harness

Compatible with FZ-A2 Always On and other cases with D-rings on each corner

Weight: 0.2 kg / 0.4 lb

Part No: PCPE-INFUVA1

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

CARRYING SOLUTIONS CONTINUED

CF-19 Holster without Flap

Accommodates FZ-A2. With 4 mounting eyelets.

Part No: PCPE-SYSLVH1

General Backpack

Size: 470 x 368 x 279 mm / 18.5 x 14.5 x 11"

Weight: 1.5 kg / 3.4 lb

Part No: PCPE-INFBPK1

Synergy 15.4" Laptop Rucksack

Size: 254 x 330 x 460 mm / 10 x 13 x18"

Weight: 1 kg / 2.2 lbs

Part No: PCPE-WENSYN1

Top Traveller PRO bag

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

Executive Bag

Size: 419 x 356 x 83 mm / 16.5 x 14.0 x 3.25"

Weight: 1.1 kg / 2.5 lbs

Part No: PCPE-INFLEX1

Executive Plus Bag

Size: 41.9 x 35.6 x 9.5 cm / 16.5 x 14.0 x 3.75"

Weight: 1.3 kg / 2.9 lbs

Part No: PCPE-INFLEX2

Multi Compact Case

Size: 425 x 320 x 90mm / 16.73 x 12.6 x 3.54"

Weight: 1 kg / 2.2 lbs

Part No: PCPE-DCTBAG6

Legacy 16" Double Laptop Case

Size: 380 x 430 x 110 mm / 15 x 17 x 4.3"

Part No: PCPE-CCI7652

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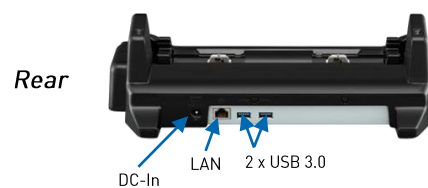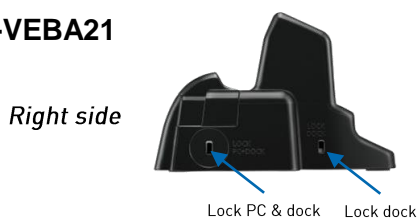
DOCKING SOLUTIONS

FZ-A2 Desktop Port Replicator

With full port replication.

Size: 315mm x 270mm x 50mm (12.4 x 10.7 x 1.97")

Weight: 1.6 kg (3.53 lb)

Part No: **FZ-VEBA21**

Right side

Lock PC & dock   Lock dock

Rear

DC-In   LAN   2 x USB 3.0

FZ-A2 Vehicle Dock – Slim Model

Size: 297 x 256 x 76 mm (11.7 x 10.1 x 3")
Weight: TBC

Part Nos:
- CF-CDSA2VM01   With antenna pass-through, keyed alike
- CF-CDSA2VM02   With antenna pass-through, keyed to differ
- CF-CDSA2VM03   Without antenna pass-through, keyed alike
- CF-CDSA2VM04   Without antenna pass-through, keyed to differ
- CF-CDSA2VM05   Non electronic, keyed alike
- CF-CDSA2VM06   Non electronic, keyed to differ

Antenna
On/Off switch   DC-In   LAN   2 x USB 2.0

Dual Antenna Pass-Through

FZ-A2 Vehicle Dock – Expanded Model

Size: 297 x 256 x 118 mm (11.7 x 10.1 x 4.6")
Weight: TBC

Part Nos:
- CF-CDSA2VM07   With antenna pass-through, keyed alike
- CF-CDSA2VM08   With antenna pass-through, keyed to differ
- CF-CDSA2VM09   Without antenna pass-through, keyed alike
- CF-CDSA2VM10   Without antenna pass-through, keyed to differ
- CF-CDSA2VM11   Non electronic, keyed alike
- CF-CDSA2VM12   Non electronic, keyed to differ

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

MOBILE PRINT / SCAN 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)

PJ7 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-BRPJ773   A4 mobile printer with Bluetooth connectivity
PCPE-BRPJ763   A4 mobile printer with Wi-Fi and AirPrint support

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)

DS Mobile Scanners

Powered by your laptop's USB, DS scanners allow you to scan up to A4 size at up to 600dpi, and save, manipulate and share your files away from your desk

Part No.:   TBC   DS-620 1-sided scanner
PCPE-BRP720D   DS-720D simultaneous 2-sided scanner

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

TOUGHPAD

PROSERVICES

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 Toughpad.

Part No.:   FZ-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.:   FZ-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

Docking Station Warranties
Part No.:   CF-LESPPD* *3/5   Extended Warranty for Panasonic Dock (3 or 5 years)
              CF-LESPND* *3/5   Extended Warranty for Third Party Dock (3 or 5 years)
              CDS-LESPAD*   *3 / 4 / 5   Accidental Damage Warranty Panasonic Dock (3, 4 or 5 years)
              CDS-LESPTAD* *3 / 4 / 5   Accidental Damage Warranty Third Party Dock (3, 4 or 5 years)

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   3/5 025/100/250/500   NetMotion Mobility (with 3 or 5 years support for up to 1000 devices)
              PCPE-NLW   3/5 025/100/250/500   NetMotion Mobility & Diagnostics (with 3 or 5 years support for up to 1000 devices)
              PCPE-NLW   3EN1/5EN1   NetMotion Mobility & Diagnostics (with 3 or 5 years support for 1000+ devices)

Please refer to pricelist for full part numbers.

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

TOUGHPAD

PROTECT

ACCESSORY SUMMARY 1

Solution Type	Part Number	Description
Power Management	CF-VZSU0QW	Spare Battery
	CF-VCB201* *E/G/T/D	4-bay Battery Charger
	CF-LND80S-FD/BW	Car Charger (12-16VDC)
	CF-LND8024 FD/BW	Car Charger (12-32VDC)
	CF-AA6413C	AC Power Supply
	CF-LNDMLSTD	Mil Spec Vehicle Charger
	PCPE-LNDAC01	AC/DC Combo Adaptor
	PCPE-LNDFH11	Car Charger for Forklifts (70-110V)
	PCPE-LNDFH32	Car Charger for Forklifts (12-32V)
	PCPE-LNDFH60	Car Charger for Forklifts (20-60VDC)
Connectivity	PCPE-CRDLLP2	Semi-Rugged 4G/WiFi Router
	PCPE-CRDSOL1	Semi-Rugged 4G/WiFi Router with MIMO Antenna
	PCPE-CRDL110	Rugged 4G/WiFi Router
	PCPE-LANCAB1	LAN Port Saver Cable
	CDS-504505	4G Antenna With 5M Loose TNC
	PCPE-PAN4G01	Low Profile MIMO 2/3/4G/GPS Antenna with 5m cable
	PCPE-WLANANT	WiFi Antenna
	PCPE-PAN4G 09/10	Low Profile Cell/LTE/WiFi/GPS Antenna (Black or White)
Security & Protection	PCPE-KENLOK1	Kensington Lock
	CF-VN001W	LCD Screen Cleaning Cloth
	CF-VPF31U	LCD Protective Film for Toughbook FZ-A2
Styluses	CF-VNP023U	Replacement FZ-A2 Digitiser Pen
	CF-VNP022U	Replacement FZ-A2 Capacitive Pen
	PCPE-LDYST01	Capacitive Stylus Pen
	PCPE-INFUVA2	Stylus Tether
Keyboards	PCPE-MMRK01* E/F/G	Rugged USB Keyboard (English; French; German)
	PCPE-ACDS* UK1/FR1	Mini Rugged Wireless Keyboard (English / French)
	PCPE-KEYB	USB Keyboard (US English)
Peripherals	PCPE-LDY43150	USB 3.0 Multi Card Reader
	PCPE-FCDVR04	Mobile DVD-RW Drive
	PCPE-SMBCR01	Mobile Bluetooth Barcode Scanner
	PCPE-CRRFID1	USB RFID Reader
Carrying Solutions	CF-VST2011U	X-Hand Strap
	PCPE-SYS1548	CF-20 Tablet Case (Non Docking)
	PCPE-SYS1550	CF-20 Tablet Case (Dockable)
	PCPE-SYS1551	CF-20 Bi-Fold Tablet and Keyboard Case
	PCPE-SYSLVH1	CF-19 Holster without Flap
	PCPE-SL20VH1	CF-20 Synthetic Holster
	TBC	FZ-A2 Always On Case
	PCPE-INFUVA1	General User Harness
	PCPE-INF20B1	FZ-A2 Mobility Bundle
	PCPE-SYSLVH1	CF-19 Holster without flap

ACCESSORY SUMMARY 2

Solution Type	Part Number	Description
Carrying Solutions continued	PCPE-INFBPK1	General Backpack
	PCPE-WENSYN1	Synergy 15.4" Laptop Rucksack
	PCPE-DCTBAG7	Top Traveller PRO bag
	PCPE-INFLEX1	Executive Bag
	PCPE-INFLEX2	Executive Plus Bag
	PCPE-DCTBAG6	MultiCompact Case
	PCPE-CCI7652	Legacy 16" Double Laptop Case
Docking Solutions	FZ-VEBA21	FZ-A2 Desktop Port Replicator
	CF-CDSA2VM* *01/02/03/04/05/06	FZ-A2 Slim Vehicle Dock
	CF-CDSA2VM* *07/08/09/10/11/12	FZ-A2 Expanded Vehicle Dock
Professional Services	PCPE-PS20GIM	Disk Imaging
	PCPE-PSMACAD	MAC Address Stickers
	PCPE-PSSIMIN	SIM Installation
	PCPE-PSATAGB	Information Management Bundle
	PCPE-PSATAG1	Asset Tagging
	PCPE-PSBRAND	Logo badge & BIOS logo
	PCPE-PSLOGOB	Logo badge on
	PCPE-PSBIOSL	BIOS logo only
	PCPE-PSATAG1	Solution Packaging
	PCPE-PSCDL01	Customised Deployment / Logistics
	PCPE-PSITS01	User Profile Setup
	PCPE-PSBTM01	Bespoke Training Material
	PCPE-PSHDDD1	HDD / SSD Duplication
Mobile Printing Solutions	PCPE-BRP145B	MW-145BT A7 Portable Printer (with USB & Bluetooth)
	PCPE-BRPMW26	MW-260 A6 Mobile Printer (with USB & Bluetooth)
	PCPE-BRPJ773	PJ773 A4 mobile printer with Bluetooth connectivity
	PCPE-BRPJ763	PJ763 A4 mobile printer with Wi-Fi and AirPrint support
	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 simultaneous 2-Sided Scanner
	TBC	DS-620 1-sided scanner

ACCESSORY SUMMARY 3

Solution Type	Part Number	Description
Lifecycle support solutions	FZ-LESPEW5	Extended Warranty (5 Years)
	FZ-LESPAD 3/5	Accidental Damage (3 or 5 years)
	CF-LESPBAEW 3/4/5	Extended Battery Warranty (3, 4 or 5 years)
	CF-LESPPD* 3/5	Extended Warranty for Panasonic Dock (3 or 5 years)
	CF-LESPND* 3/5	Extended Warranty for Third Party Dock (3 or 5 years)
	CDS-LESPAD* 3/4/5	Accidental Damage Warranty for Panasonic Dock (3, 4 or 5 years)
	CDS-LESPTAD* 3/4/5	Accidental Damage Warranty for 3rd Party Dock (3, 4 or 5 years)
	PCPE-NMW* 1/3/5*** PCPE-NLW* 1/3/5*** PCPE-NLW * 3EN1/5EN1	NetMotion Mobility & Diagnostics software and support (Please refer to specific NetMotion data sheet or pricelist for full part numbers)