

Panasonic
BUSINESS

TOUGHBOOK

Solution Guide
TOUGHBOOK L1 mk1





TOUGHBOOK L1

THE STYLING YOU WANT WITH THE RELIABILITY YOU NEED

The Panasonic TOUGHBOOK L1 is a lightweight rugged Android tablet ideal for edge computing and customer-facing mobile workers that need a versatile and cost-effective device. With its 7 inch display and optional barcode reader, it is suitable for a wide range of roles in industries such as retail and hospitality, manufacturing transportation and logistics.

- Android™ 8.1
- 7" HD enterprise display with glove and rain mode
- 2 GB RAM and 16 GB flash storage
- Qualcomm® Snapdragon™ CPU
- Optional 4G data and voice capability
- Tested to MIL-STD 810G*
- 1.5 meter drop resistance*
- IP67 rated*
- -10°C to +50°C operating temperature
- User-replaceable battery with warm-swap function
- 9 hour battery life
- Enterprise level security and manageability (COMPASS)
- 3 years standard warranty

* Tested by an independent third party lab following MIL-STD-810G and IEC 60529, Sections 13.4, 13.6.2, 14.2.5 and 14.3

All technical specifications are subject to change without notice.

TOUGHBOOK



PROSERVICES

TOUGHBOOK L1 ACCESSORY ECOSYSTEM



Panasonic COMPASS covers everything you need to deploy and manage your Panasonic rugged Android tablets and handhelds securely in your business, over their lifetime. Look out for the logo next to the software and services that fall under the COMPASS umbrella in this catalogue.

Visit business.panasonic.co.uk/computer-product/COMPASS to find out more.

POWER MANAGEMENT SOLUTIONS

Standard Battery Pack

3200 mAh

Part No: FZ-VZSUT10U



5-Bay Battery Charger

Part No: FZ-VCBT131*
D/E/3

*3: Continental; E: UK; D:
Swiss

Dimensions: 152 x 89 x 60
mm / 6.0 x 3.5 x 2.4"

Weight: 0.44 kg / 1.0 lb

AC adaptor included.



USB AC Adaptor

Part No: FZ-AAE184E*

*E: UK; G: Continental (inc.
Swiss)



AC Adaptor

Part no: CF-AA5713A*

For use with 5-Bay Charging
Cradle (FZ-VEH5T1AA*) and
5-Bay Battery Charger (FZ-
VCH5T1AA*)



5V Auto Adaptor (10W)

For use with L1 vehicle
dock only.

Dimensions: 88.9 x 38.1 x
19 mm / 3.5 x 1.5 x 0.75"
(Body)

Weight: 0.9 kg / 1.98 lb

Part no: PCPE-LNDL122



5V Micros USB Auto Adaptor (10W)

Can be used in a vehicle to
power the L1 directly (via
micro USB)

Part no: PCPE-LNDD122



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CARRYING SOLUTIONS

TOUGHBOOK L1 Hand Strap

Part no: FZ-VSTL11U



TOUGHBOOK L1 BCR Hand Strap

for use with Landscape Bar Code Reader

Part no: FZ-VSTL12U



TOUGHBOOK L1 Always On Case

Part no: PCPE-INFL1A0



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DOCKING SOLUTIONS

TOUGHBOOK L1 Single Device Desktop Cradle

Part No: **FZ-VEH1L1AA*** *3: Continental; E: UK
AC adaptor included. (CF-AA5713A)



TOUGHBOOK L1 5-Bay Desktop Cradle

Part Nos:

- FZ-VEH5L1AA* Charge and 2 x LAN
- FZ-VCH5L1AA* Charge only

*3: Continental; E: UK; D: Swiss

AC adaptor included. (CF-AA5713A)



TOUGHBOOK L1 Vehicle Dock

Part Nos: TBC

No power adaptor included. VESA 75mm and AMPS mounting patterns.

Ports:

- 16V DC-in
- 1 x USB 2.0
- Optional dual antenna pass-through



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PRODUCTIVITY SOLUTIONS

Panasonic Headset

Part No: FZ-WHPX111



Panasonic Stylus Tether

Quantity of 3.

Part No: FZ-VNTT11U



Panasonic Thin Nib Passive Pen

Part No: CF-VNP021U



Infocase Stylus Tether

Part No: PCPE-INFUVA2



SECURITY & PROTECTION SOLUTIONS

LCD Screen Cleaning Cloth

Part No: CF-VNC001W

MOQ: 10 pcs



Shatterproof Protective LCD Film

10 sheets

Part No: FZ-VPFL11U



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MOBILE PRINT / SCAN 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 Nos.:	PCPE-BRPJ722	PJ722 A4 mobile printer, 200 dpi with USB
	PCPE-BRPJ723	PJ723 A4 mobile printer, 300 dpi with USB
	PCPE-BRPJ762	PJ762 A4 mobile printer, 200dpi with USB & Bluetooth
	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



RJ2000 Series Rugged Mobile Label / Receipt Printers

The Brother RJ-2000 series with advanced connectivity options and LCD screen is the ideal mobile printer for printing 55-58mm wide receipts, tickets, labels and other small format documentation, wherever and whenever required. Integrates into your existing system thanks to Wi-Fi, Bluetooth and USB connectivity options. Free SDK's for iOS, Android and Windows are available, along with built-in support for ZPL II, CPCL and Brother ESC/P emulations.

Part Nos.:	PCPE-BRP2030	RJ2030 Rugged printer, USB & Bluetooth
	PCPE-BRP2050	RJ2050 Rugged printer, USB, Bluetooth and WiFi
	PCPE-BRP2140	RJ2140 Rugged receipt and label printer, USB and WiFi
	PCPE-BRP2150	RJ2150 Rugged receipt and label printer, USB, Bluetooth, WiFi and AirPrint



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PROFESSIONAL SERVICES

Android Installation

Part No: PCPE-PSANDRD
Price on Request

SIM Installation

Part No: PCPE-PSSIMIN

Information Management Bundle

IMEI, MAC, SIM, ASSET reporting.
Part No: PCPE-PSATAGB

Customer Branding

Logo badge on device casing or bezel.
Part No: PCPE-PSLOGOB

Customised Deployment / Logistics

Part No: PCPE-PSCDL01
Price on Request.

Bespoke Training Material

Part No: PCPE-PSBTM01
Price on Request

Advanced FOTA Service

Part No:
• PCPE-XFOTA01 1 year
• PCPE-XFOTA03 3 year

Asset Tagging

Standard, using CPE label set.
Part No: PCPE-PSATAG1

MAC Address Stickers

Applied to unit
Part No: PCPE-PSMACAD

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

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LIFECYCLE SUPPORT SOLUTIONS

Extended Warranty (4 or 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.: HH-LESPEW* *4 / 5

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.: HH-LESPAD* *3 / 4 / 5 (4 & 5 year options include Extended Warranty)

Docking Station Warranties (3, 4, or 5 years)

Extended Warranty:

CF-LESPPD*	*3 / 4 / 5	Panasonic Dock – 3, 4 or 5 years Extended Warranty
CF-LESPND*	*3 / 4 / 5	3rd Party Dock – 3, 4 or 5 years Extended Warranty

Accidental Damage Part Nos.:

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

Standard 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

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SMART SOLUTIONS



TOUGHBOOK Smart Service

Real time analytics, powered by B2M Solutions, showing the health and performance of your estate of mobile devices, focussing on areas such as battery life, data usage, disruptions and connectivity. Enables the user to recognise patterns of usage and potentially pre-empt issues before they arise.

Part Nos.:

- CF-LESPSSM3 3 year Smart Service self-managed licence
- CF-LESPSSM5 5 year Smart Service self-managed licence
- CF-LESPSSPM3 3 year Smart Service Panasonic-managed licence
- CF-LESPSSPM5 5 year Smart Service Panasonic-managed licence

Smart Battery Warranty

Smart Battery Monitor software, powered by B2M Solutions, monitors device battery health in real-time. Smart Battery Monitor will alert you when batteries deployed in the field reach low capacity during normal use, so a replacement battery can be sent out in advance. Available at point of sale of device only.

Part No.: CF-LESPBASS3 3 year Smart Battery Warranty

Smart Battery Monitor

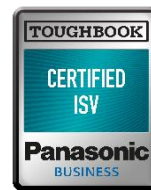
The same Smart Battery Monitoring software that is used in our Smart Battery Warranty is also available to purchase on its own. Can be deployed to any devices at any time. Replacement batteries can be purchased separately.

Part Nos:

- CF-LESPBAEE1 1 year Smart Battery Monitor
- CF-LESPBAEE3 3 year Smart Battery Monitor
- CF-LESPBAEE5 5 year Smart Battery Monitor

All technical specifications are subject to change without notice.

SOFTWARE SOLUTIONS – CERTIFIED ISVS



Absolute Data and Device Security

Patented technology to centrally secure TOUGHBOOK or Toughpad devices for unrivalled endpoint security and data risk management.

Part Nos:

- PCPE-ABSDPM* 1/2/3/4/6 Absolute Resilience 1/2/3/4/5 yrs
- PCPE-ABSDPR* 1/2/3/4/6 Absolute Control 1/2/3/4/5 yrs



NetMotion Mobility

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

Part Nos:

- PCPE-NLW 1/3/5*** Mobility and Diagnostics (plus 1, 3 or 5 years maintenance/support)
- PCPE-NMW 1/3/5*** Mobility only (plus 1, 3 or 5 years maintenance/support)



SOTI MobiControl

MobiControl is an Enterprise Mobility Management (EMM) solution with enhanced EMM features like application management, content management, location services and remote help (Key USP).

Part Nos:

- PCPE-SOTMC** 1/2/3/5 U/E Perpetual licence (1, 2, 3 or 5 yrs / UK or EU)
- PCPE-SOTCL** 1/2/3/5 U/E Cloud license & hosting (1, 2, 3 or 5 yrs / UK or EU)



Sygic

Sygic Professional GPS Navigation with SDK for fleets and enterprise ready Maps for fleet management, tracking, route planning and optimization solutions are trusted by more than 2000 fleets in fields of transportation, logistics, parcel delivery, field work, automotive, utilities, emergency and communal services.

Sygic Professional GPS Navigation works offline and features truck specific routing, itinerary with time windows and over 60 APIs for development with Android and Windows based apps.

Part numbers available upon request.

All technical specifications are subject to change without notice.

SOFTWARE SOLUTIONS – PARTNER ISVS



Staylinked

StayLinked's SmartTE software provides a cost-effective way to take advantage of touchscreen devices with Terminal Emulation by transforming traditional "green screen" application screens into easy-to-use, graphical screens with no changes to the underlying enterprise applications.

Visit website: <https://www.staylinked.com/panasonic>



Loqus

Loqus Fleet Ltd specialises in the provision of end-to-end Transport management systems providing organisations with the necessary tools to help them Plan, Execute and Monitor & Control work orders from initial order taking down to the last mile. Headquartered in Malta, the group employs a passionate team of high calibre software engineers supported by an experienced management team

Visit website: <http://www.loqusgroup.com/routeit.html>



Acronis

Acronis sets the standard for cyber protection and hybrid cloud storage through its innovative backup, anti-ransomware, disaster recovery, storage, and enterprise file sync and share solutions. Enhanced by its award-winning AI-based active protection technology, blockchain-based authentication and unique hybrid-cloud architecture, Acronis protects all data in any environment – including physical, virtual, cloud, mobile workloads and applications – all at a low and predictable cost.

Visit website: <https://www.acronis.com>

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ACCESSORY SUMMARY 1

Solution Type	Part Number	Description
Power Management	FZ-VZSUT10U	Standard Battery Pack (3200 mAh) – 1 pc
	FZ-VCBT131*	5-Bay Battery Charger
	FZ-AAE184E* E/G	USB Charger Kit (E: UK; G: Continental)
	CF-AA5713A	AC Adaptor
	PCPE-LNDL122	5V Auto Adaptor for FZ-L1 (10W)
	PCPE-LNDT122	5V Auto Adaptor for FZ-T1 (10W)
Carrying Solutions	FZ-VSTL11U	TOUGHBOOK L1 Hand Strap
	FZ-VSTL12U	TOUGHBOOK L1 BCR Hand Strap
	PCPE-INFL1A	TOUGHBOOK L1 Always On Case
Docking Solutions	FZ-VEH1L1AA*	TOUGHBOOK L1 Single Device Desktop Cradle
	FZ-VEH5L1AA*	TOUGHBOOK L1 5-Bay Desktop Cradle - Charge and LAN
	FZ-VCH5L1AA*	TOUGHBOOK L1 5-Bay Desktop Cradle - Charge ONLY
	TBC	TOUGHBOOK L1 Vehicle Dock
Styluses	CF-VNP021U	Panasonic Thin Nib Passive Pen
	FZ-VNTT11U	Panasonic Stylus Tether (Qty 3)
	PCPE-INFUVA2	Toughmate Stylus Tether
	FZ-WHPX111	Panasonic Headset
Protection & Security	CF-VNC001W	Cleaning Cloth for LCD
	FZ-VPFL11U	Shatterproof Protective LCD film
Mobile Printing Solutions	PCPE-BRPJ722	PJ722 A4 mobile printer, 200 dpi with USB
	PCPE-BRPJ723	PJ723 A4 mobile printer, 300 dpi with USB
	PCPE-BRPJ762	PJ762 A4 mobile printer, 200dpi with USB & Bluetooth
	PCPE-BRPJ763	PJ763 A4 mobile printer, 300 dpi with USB & Bluetooth
	PCPE-BRPJ773	PJ773 A4 mobile printer, 300 dpi with USB, WiFi and AirPrint
	PCPE-BRP2030	RJ2030 Rugged printer, USB & Bluetooth
	PCPE-BRP2050	RJ2050 Rugged printer, USB, Bluetooth and WiFi
	PCPE-BRP2140	RJ2140 Rugged receipt and label printer, USB and WiFi
	PCPE-BRP2150	RJ2150 Rugged receipt and label printer, USB, Bluetooth, WiFi and AirPrint
Professional Services	PCPE-PSANDRD	Android Installation
	PCPE-XFOTA01/03	Advanced FOTA Service (1 year / 3 year)
	PCPE-PSSIMIN	SIM Installation
	PCPE-PSATAG1	Asset Tagging
	PCPE-PSATAGB	Information Management Bundle
	PCPE-PSMACAD	MAC Address Stickers
	PCPE-PSLOGOB	Custom logo badge
	PCPE-PSSPACK	Solution Packaging
	PCPE-PSCDL01	Customised Deployment / Logistics
	PCPE-PSBTM01	Bespoke Training Material
	PCPE-PSHDDD1	HDD / SSD Duplication

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ACCESSORY SUMMARY 2

Solution Type	Part Number	Description
Lifecycle Support Solutions	HH-LESPEW* 4/5	Extended Warranty (4 or 5 year)
	HH-LESPAD* 3/4/5	Accidental Damage Warranty (3 or 5 years)
	CF-LESPPD* 3/4/5/	Panasonic Dock Extended Warranty – 3, 4 or 5 years
	CF-LESPND* 3/4/5/	Third Party Dock Extended Warranty – 3, 4 or 5 years
	CDS-LESPAD* 3/4/5	Panasonic Dock Accidental Damage Warranty - 3, 4 or 5 years
	CDS-LESPTAD* 3/4/5	3rd Party Dock Accidental Damage Warranty - 3, 4 or 5 years
	CF-LESPBAEW* 3/4/5	Standard Extended Battery Warranty (3 to 5 years)
	CF-LESPSSSM* 3/5	TOUGHBOOK Smart Service – Self-Managed (3 or 5 years)
	CF-LESPSSPM* 3/5	TOUGHBOOK Smart Service – Panasonic Managed (3 or 5 years)
	CF-LESPBASS3	Smart Battery Warranty (3 years only)
CF-LESPBAEE* 1/3/5	Smart Battery Monitor Software (1, 3 or 5 years)	
Software Solutions	PCPE-ABSDPM* 1/2/3/4/6	Absolute Resilience
	PCPE-ABSDPR* 1/2/3/4/6	Absolute Control
	PCPE-NMW 1/3/5*** PCPE-NLW 1/3/5***	NetMotion Mobility & Diagnostics software and support
	PCPE-SOTMC 1/2/3/5 U/E	Subscription & Maintenance (1, 2, 3 or 5 yrs; U: UK/E: EU)
	PCPE-SOTCL 1/2/3/5 U/E	Cloud License & hosting (1, 2, 3 or 5 yrs; U: UK/E: EU)

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