





# TOUGHBOOK N1

## 4.7" SLIM AND LIGHTWEIGHT HANDHELD TABLET WITH ANGLED REAR BARCODE READER

The TOUGHBOOK N1 with Android™ 8.1 is one of the thinnest and most lightweight handheld tablets in the 4.7" category. The device offers numerous unique features, including an angled rear barcode reader which protects users from repetitive strain and enhances productivity, and an optional passive and active pen for precise handwriting and signature capture.

This cutting-edge device has been designed for mobile workers in the postal and courier services, transportation and logistics, emergency and public safety, utilities, retail, manufacturing and defence sectors.

- Android™ 8.1
- 4G LTE / 3G data and voice capability
- Integrated 1D/2D angled rear barcode reader
- Qualcomm® SDM660-2 Octa-core processor
- 3 GB RAM, 32 GB storage and microSD card slot
- 4.7" HD (1280 x 720) daylight-readable display with glove and rain mode
- Optional passive and active pen for precise signatures
- MIL-STD 810G certified with 2.1 metre drop resistance
- IP68 rated (submersible in water up to 1.5 metre for 30 minutes)
- 8MP rear and 5MP front camera
- User-replaceable battery with warm-swap function
- NFC, Bluetooth 5, Wi-Fi, micro USB port and docking connector
- Triple microphones for superior noise suppression
- Dual front speakers delivering in total up to 100 dBA

*All technical specifications are subject to change without notice.*

## TOUGHBOOK N1 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](https://business.panasonic.co.uk/computer-product/COMPASS) to find out more.

## POWER MANAGEMENT SOLUTIONS

### Standard Battery Pack (3200 mAh)

Part No: FZ-VZSUN110U



### Extended Battery Pack (6400 mAh)

Part No: FZ-VZSUN120\* \*U/W  
(U: with back case; W: without)



### USB Charger Kit

Part No: FZ-KN1AA00\*

\*1: Continental; 2: UK



### 4-bay Battery Charger

Compatible with standard and extended battery.

Part No: FZ-VCBN121\*

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



### AC Power Supply

For use with multi-bay cradles.

Part No: CF-AA5713A\*

\*E/G/T/D

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



### AC Power Supply

For use with charging cup (FZ-VCBN11U) and single desk top cradle (FZ-VEBN111\*)

Part No: CF-AA6373A\*  
E/G/T/D

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



### Low Power Adaptor (32W)

Part Nos:

- PCPE-LND1234 - 12-32Vdc
- PCPE-LND1214 - 12-16Vdc



### Mil Spec Vehicle Charger (90W)

11 to 32VDC

Part No: CF-LNDMLSTD



### Car Charger For Forklifts (90W)

Part Nos:

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



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## PRODUCTIVITY SOLUTIONS

### Panasonic TOUGHBOOK N1 Active Pen

Part No: FZ-VNPN11U



### Stylus Tether

Part No: PCPE-INFUVA2



### Panasonic Thin Nib Passive Pen

Part No: CF-VNP021U



### Capacitive Stylus Pen

Part No: PCPE-LDYST02



## SECURITY & PROTECTION SOLUTIONS

### LCD Screen Cleaning Cloth

Part No: CF-VNC001W

MOQ: 10 pcs



### Shatterproof Protective LCD Film

10 sheets

Part No: FZ-VPFN11U



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## CARRYING SOLUTIONS

### Panasonic Holster for TOUGHBOOK N1

With belt / waist strap only.

Part No: FZ-VSTN12U



### Panasonic Hand Strap for TOUGHBOOK N1

Part No: FZ-VSTN11U



### TOUGHBOOK N1 Holster

Includes belt and shoulder strap for hands-free use and stylus loop.

Size: 102 x 165 x 57mm / 4.0 x 6.5 x 2.25"

Part No: PCPE-INFF1H1



### TOUGHBOOK N1 Enhanced Hand Strap

Adjustable hand strap.

Not compatible with any desk or vehicle dock when used with an extended battery.

Size: 57 x 114 x 12.7 mm / 2.25 X 4.5 X 0.5"

Part No: PCPE-INFF1S2

PCPE-INFF1S4: Replacement elastics (x2)



### TOUGHBOOK N1 Hand Strap

Size: 32 x 152 x 6.35 mm / 1.25 X 6.0 X 0.25"

Part No: PCPE-INFF1S1



All technical specifications are subject to change without notice.

## DOCKING SOLUTIONS

### Charging Cup and Stand

AC adaptor not included. Purchase CF-AA6373A\* E/3/D separately.

Part No: FZ-VCBN11U



### Single Device Desktop Cradle

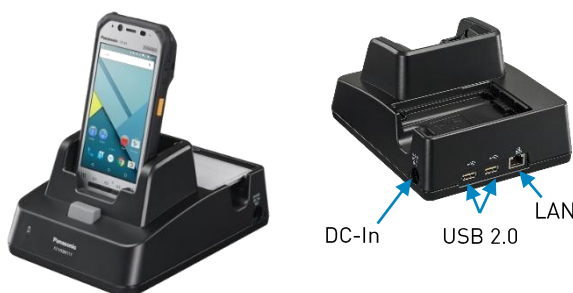
AC adaptor included (CF-AA6373AE/G/T/D)

Dimensions: 43 x 194 x 99mm / 5.7 x 7.7 x 3.9"

Weight: Approx. 0.52kg / 1.2 lb

Part No: FZ-VEBN111\* E/3/D

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



### 4-Bay Desktop Cradle

AC adaptor included (CF-AA5713AE/G/T/D)

Dimensions: 466 x 212 x 95 mm / 18.4 x 8.4 x 3.8"

Weight: Approx. 2.0 kg / 4.4 lb

Part No: FZ-VEBN121\* E/3/D

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



### 5-Bay Desktop Cradle

AC adaptor included (CF-AA5713A\*)

Weight and dimensions to be confirmed.

Ports: 2 x LAN; DC-In

Part No: FZ-VEBN141\* E/3/D

Power and LAN

FZ-VCBN141\* E/3/D

Power only

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



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## DOCKING SOLUTIONS

### TOUGHBOOK N1 Vehicle Dock

Accommodates additional configuration options and certain hand straps.  
Power only (power supply not supplied). AMPS mounting pattern.

Dimensions: 115 x 190 x 90 mm (4.5 x 7.5 x 3.5")

Weight: 0.3 kg / 0.7 lb

Part Nos:

- PCPE-GJN1V01 With power, keyed alike
- PCPE-GJN1V02 With power, keyed differently
- PCPE-GJN1V03 No power, keyed alike
- PCPE-GJN1V04 No power, keyed differently



### TOUGHBOOK N1 4-Cup Charging Rack

Rack mountable, includes 4-way power lead.

Part No: PCPE-CDS4BC\* 1/2

\*1: Continental adaptor; 2: UK adaptor



### Forklift Pillar Mounting Kit

Kit contains:

- 4" pillar clamp with 1.5" ball joint
- 1.5" diameter double socket arm (varying length)
- AMPS Round Base Adapter plate with 1.5" ball

For use with PCPE-GJN1V01/2/3/4. Vehicle dock to be purchased separately.

Part Nos:

- PCPE-RAMFRK04 with short length arm (125 mm)
- PCPE-RAMFRK05 with standard length arm (185 mm)
- PCPE-RAMFRK06 with long length arm (270 mm)



### Forklift Suction Cup Mounting Kit

Kit contains:

- 3.3" diameter Twist Lock Single Suction Cup Mount
- 1" diameter standard length (185 mm) double socket arm
- AMPS Round Base Adapter plate with 1" ball

For use with PCPE-GJN1V01/2/3/4. Vehicle dock to be purchased separately.

Part No: PCPE-RAM202U



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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-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 Wi-Fi
	PCPE-BRP2140	RJ2140 Rugged receipt and label printer, USB and Wi-Fi
	PCPE-BRP2150	RJ2150 Rugged receipt and label printer, USB, Bluetooth, Wi-Fi and

AirPrint



All technical specifications are subject to change without notice.



### 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

### Bespoke Training Material

Part No: PCPE-PSBTM01

Price on Request

### 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

### Customised Deployment / Logistics

Part No: PCPE-PSCDL01

Price on Request.

### HDD / SSD Duplication

Does not include hardware.

Part No: PCPE-PSHDDD1

Price on Request

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### 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.: 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)

### 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

### 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:

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

### Smart Battery Warranty (3 years only)

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

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### TOUGHBOOK Smart Service

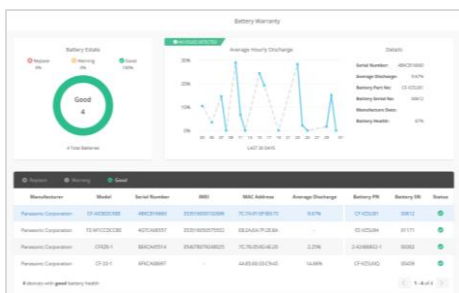


Real time analytics, powered by B2M Solutions, showing the health and performance of your estate of mobile devices, focussing on areas such as battery life, data usage, disruptions and connectivity. Enables the user to recognise patterns of usage and potentially pre-empt issues before they arise.

Part Nos.:

- **CF-LESPSSM3** 3 year Smart Service self-managed licence
- **CF-LESPSSM5** 5 year Smart Service self-managed licence

### Smart Battery Monitor

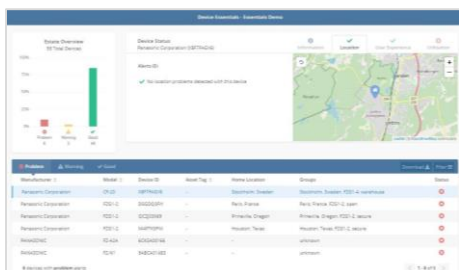


An additional “Smart” module that monitors battery usage and health in detail, focusing on battery serial numbers, the software allows the customer to track, identify and replace batteries before they impact productivity. With dashboard access and alerts.

Part Nos:

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

### Smart Device Monitor



An additional “Smart” module that monitors device usage in more detail. Dashboard access provides information such as device location; user experience, including drop detection on Android devices and also enables alerts and geofences to be set up.

Part Nos:

- **CF-LESPDAEE1** 1 year Smart Device Monitor software licence
- **CF-LESPDAEE3** 3 year Smart Device Monitor software licence
- **CF-LESPDAEE5** 5 year Smart Device Monitor software licence

All technical specifications are subject to change without notice.

## SOFTWARE SOLUTIONS – PREMIER PARTNERS



### Absolute Data and Device Security

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

Part Nos:

- |                          |                     |                |
|--------------------------|---------------------|----------------|
| • PCPE-ABSVIS* 1/2/3/4/6 | Absolute Visibility | 1/2/3/4/5 yrs. |
| • PCPE-ABSDPR* 1/2/3/4/6 | Absolute Control    | 1/2/3/4/5 yrs. |
| • PCPE-ABSDPM* 1/2/3/4/6 | Absolute Resilience | 1/2/3/4/5 yrs. |

Website: <https://www.absolute.com/partners/oem/panasonic/>



### 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)

Website: <https://www.netmotionsoftware.com/products/mobility>



### SOTI MobiControl

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

Part Nos:

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

Website: <https://www.soti.net/products/soti-mobicontrol/>



### Sygic

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.*

Website: <https://www.sygic.com/enterprise/professional-gps-navigation-sdk>

For more info on these software solutions, please refer to the co-branded data sheet [here](#).

## SOFTWARE SOLUTIONS – CERTIFIED PARTNERS



### 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.

For more information or to request a demo visit:  
<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://openfleet.loqusgroup.com/>



### 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>



### GPC Systems

GPC is an award-winning software house with over 25 years of experience working with a range of sectors across the globe. Driven by the needs of their customers in healthcare, transportation, police, logistics and local government, GPC strives to improve outcomes through the most efficient use of resources. GPC has in-depth experience creating solutions utilising 3D cameras, including the Intel® RealSense™ technology integrated into the TOUGHBOOK M1.

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

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## ACCESSORY SUMMARY 1

Solution Type	Part Number	Description
Power Management	FZ-VZSUN110U	Standard Battery Pack (3200 mAh)
	FZ-VZSUN120U/W	Extended Battery Pack (6400 mAh)
	FZ-KN1AA00* 1 / 2	USB Charger Kit (1: Continental; 2: UK)
	FZ-VCBN121* E/3/D	4-bay Battery Charger (E: UK; 3: Continental; D: Swiss)
	CF-AA6373A* E/G/T/D	AC Power Supply (*E: UK; G: Continental; T: Italian; D: Swiss)
	CF-AA5713A* *E/G/T/D	AC Power Supply (*E: UK; G: Continental; T: Italian; D: Swiss)
	CF-LNDMLSTD	Mil Spec vehicle charger (90W)
	PCPE-LND1234	32W Power Adaptor (12-32Vdc)
	PCPE-LND1214	32W Power Adaptor (12-16Vdc)
	PCPE-LNDFH* 11/32/60	90W charger for forklifts
Styluses	FZ-VNPN11U	TOUGHBOOK N1 Active Pen
	PCPE-LDYST02	Capacitive Stylus Pen
	CF-VNP021U	Panasonic Capacitive Passive Pen
	PCPE-INFUVA2	Stylus Tether
Protection & Security	CF-VNC001W	Cleaning Cloth for LCD
	FZ-VPFN11U	Shatterproof Protective LCD film
Carrying Solutions	FZ-VSTN12U	Panasonic Holster for TOUGHBOOK N1
	FZ-VSTN11U	Panasonic Hand Strap for TOUGHBOOK N1
	PCPE-INFF1H1	TOUGHBOOK N1 Holster
	PCPE-INFF1S2	TOUGHBOOK N1 Enhanced Hand Strap
	PCPE-INFF1S1	TOUGHBOOK N1 Hand Strap
Docking Solutions	FZ-VCBN11U	Charging cup and stand (AC adaptor not included)
	FZ-VEBN111* E/3/D	Single Device Desktop Cradle
	FZ-VEBN121* E/3/D	4-Bay Desktop Cradle
	FZ-VEBN141* E/3/D	5-Bay Desktop Cradle – LAN and Power
	FZ-VCBN141* E/3/D	5-Bay Desktop Cradle – Power only
	PCPE-GJN1V01/2/3/4	TOUGHBOOK N1 Vehicle Dock
Forklift Mounts	PCPE-CDS4BC1/2	4-Cup Charging Rack (1: Continental; 2: UK)
	PCPE-RAMFRK0* 4/5/6	Forklift pillar mounting kit, AMPS, short/standard/long arm
	PCPE-RAM202U	Suction cup forklift mounting kit, AMPS
Printing Solutions	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
	PCPE-BRP2030	RJ2030 Rugged printer, USB & Bluetooth
	PCPE-BRP2050	RJ2050 Rugged printer, USB, Bluetooth and Wi-Fi
	PCPE-BRP2140	RJ2140 Rugged receipt and label printer, USB and Wi-Fi
	PCPE-BRP2150	RJ2150 Rugged receipt and label printer, USB, Bluetooth, Wi-Fi and AirPrint

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## ACCESSORY SUMMARY 2

Solution Type	Part Number	Description
Professional Services	PCPE-PSANDRD	Android Installation
	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
Lifecycle Support Solutions	HH-LESPEW* 4/5	Extended Warranty
	HH-LESPAD* 3/4/5	Accidental Damage Warranty (3 or 5 years)
	CF-LESPBASS3	Smart Battery Warranty (3 years only)
	CF-LESPHDEW *3/4/5	Hard Drive Warranty
	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	
Smart Essentials	CF-LESPSSM* 3/5	Smart Service Self-Managed
	CF-LESPBAEE* 1/3/5	Smart Battery Monitor
	CF-LESPDAEE* 1/3/5	Smart Device Monitor
Software Solutions	PCPE-ABSVIS* 1/2/3/4/6	Absolute Visibility
	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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