**Panasonic**

TOUGHPAD

Panasonic FZ-N1

FZ-VEBG11U

| Product number | FZ-VEBG11U |
| Product name | Cradle |
| Product size | 124 x 55 x 82 mm |
| Product weight | 2.34 kg |
| Unit in stock | 25408 |
| Manufacturer | Panasonic |

A1    A2  •  A3

**TOUGHBOOK N1** AND **N1 Tactical—**
**SOLUTION GUIDE**

TOUGHBOOK®

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MOBILITY SOLUTIONS

# Panasonic



FZ-N1

**FIRSTNET READY** *



FZ-N1 Tactical

# TOUGHBOOK N1 AND N1 Tactical

## Slim and lightweight 4.7" Android™ handheld with or without an angled barcode scanner

The Panasonic TOUGHBOOK® N1—a powerful, slim and fully rugged handheld. It's the all-in-one tool you've been waiting for, and it's ideal for where work takes you each day. With an octa-core processor, optional stylus pen, and long-lasting battery that is warm-swappable; you won't miss a beat. When a flexible device is in demand, the TOUGHBOOK N1 and N1 Tactical deliver the Android operating system, giving you the ability to develop in an open environment with thousands of enterprise grade applications. With additional support from Panasonic's Productivity+ ecosystem of development, deployment and sustainment tools and services, we are ready to satisfy all who are involved in your organization from the IT department, operations management and end users. If it takes a seven-foot drop, don't worry—it can handle it, making it the choice for unrelenting conditions. The TOUGHBOOK N1 Tactical model has two configurations: With NIAP certification (pending) for OS security certification to meet Federal/DoD requirements and without NIAP certification.

## TOUGHBOOK N1 (Common to all SKUs)

- Android™ 9 (Pie™)
- Qualcomm® SDM660-2 64bit 2.2GHzx4+1.8GHzx4
- 4.7" High definition daylight-viewable display with glove, rain and stylus modes
- MIL-STD 810G certified with 7-foot drop resistance
- IP66 and IP68 sealed all-weather design
- 5MP front and 8MP rear camera with LED light
- Optional passive and active stylus pens
- GPS, NFC, Bluetooth v5.0, Wi-Fi, micro USB port and docking connector
- User-replaceable battery with warm-swap function
- Triple microphones for superior noise suppression
- Dual front speakers delivering in total up to 100 dBA
- 3-Year warranty with business class support as standard and optional 5-year warranty

## TOUGHBOOK N1 Specs

- 3 GB RAM and 32 GB flash with microSD card slot
- Integrated angled barcode scanner with bump-out
- Wi-Fi only options
- Multi-carrier dual SIM, 4G LTE with Verizon, AT&T, FirstNet Ready (Band 14) with voice and ePPT options
- Long life battery option

## TOUGHBOOK N1 Tactical Specs

- 4 GB RAM and 64 GB flash with microSD card slot
- No bump-out, thinner
- No Wi-Fi only configurations
- Dual SIM, 4G LTE with voice options

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# TOUGHBOOK N1 AND N1 Tactical ECOSYSTEM

Software Solutions
**SOTI**

Power Management

Stylus

Vehicle Dock

Cleaning & Protection

Carrying/Wearing Solutions

Desktop Docks/Charging

Printers*

**PRO**SERVICES
Lifecycle Support
Professional Services

FZ-N1

FZ-N1 Tactical

*For more details regarding printers, contact your Panasonic Sales Representative

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# POWER MANAGEMENT SOLUTIONS

## Standard Battery Pack

- (3200 mAh)
- SKU: FZ-VZSUN110U

## Long Life Battery Pack
### (Not for TOUGHBOOK N1 Tactical)

- (6400 mAh)
- SKU: FZ-VZSUN120U
  (with battery cover)
- SKU: FZ-VZSUN120W (without battery cover)

## 5-Bay Battery Charger

- Includes AC adapter (16v–100W) standard Panasonic TOUGHBOOK barrel connector and AC cord
- SKU: FZ-VCBN131M

## AC Power Supply  16v output
### Panasonic barrel connector

- For use with charging cup (FZ-VCBN11U) and desk top cradles (60W) with 3-Prong AC cord. Fast charging.
- SKU:  CF-AA6373AM

## LIND Low Power Cigarette Lighter Adapter
### (for only the N1),  Panasonic Barrel Output

- 30W (12-32 Volt input)—16 Volt Output
- SKU: LI-UNDC30W

## LIND Mil Spec Vehicle Charger
### Panasonic Barrel Output

- 90W (12-32 Volt input)—
  16 Volt Output
- SKU: CF-LNDMLDC90

## LIND Vehicle Charger For Forklifts
### Panasonic Barrel Output

- DC/DC Isolated Forklift Charger
- 80W (20-60 VDC input)—16 Volt Output
- SKU: CF-LNDDC80I

## LIND Cigarette Lighter Adapter
### Micro USB B Output

- 10W (12-32 Volt input) 2A—
  5 Volt Output
- For use directly connected to the FZ-N1
- SKU: LI-N1UA5DC

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# CARRYING SOLUTIONS

## Panasonic Holster with Belt

- SKU: FZ-VSTN12U

## Panasonic Hand Strap

- SKU: FZ-VSTN11U

## Toughmate Holster

- Includes a belt and shoulder strap
- SKU: TBCF1HSTR-P

## Toughmate Hand Straps

- SKU: TBCF1HDSTP-LXL-P (Large-X-Lg )

TBCF1HDSTP-LXL-P

## Toughmate Slim Holster
### with Retention Strap

- SKU: TBCF1-SLMHSTR-P

- SKU: TBCF1TSTP-LXL-P
  (Large-X-Lg—T Strap)

TBCF1TSTP-LXL-P

- SKU: TBCF1-EHS-P (Enhanced Strap)

TBCF1-EHS-P

## Agora Edge Wearable Wrist Mount

- Two piece, can rotate vertically or horizontally
- SKU: AE-N1WSBL

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# DOCKING SOLUTIONS

## Charging Cup and Stand

- AC adapter not included
  –purchase CF-AA6373AM
  or appropriate LIND power
  supply for in-vehicle use.
- SKU: FZ-VCBN11U

## Single Bay Desktop I/O Cradle
### with built-in single battery charger

- AC adapter not included
  –purchase CF-AA6373AM
- Includes both Ethernet and
  USB connectivity
- SKU:FZ-VEBN111U

Battery Charger  LAN
DC-In  USB-2.0

## 5-Bay Desktop Cradle

- Includes AC adapter (16v–100W)
  standard Panasonic TOUGHBOOK
  barrel connector and AC cord
- SKU: FZ-VCBN141M
  –Charge-Only
- SKU: FZ-VEBN141M
  –Charge with Ethernet I/O

LAN
DC-In

## Vehicle Dock (Gamber-Johnson)

- Accommodates additional
  configuration options
  and certain hand straps.
  AMPS mounting pattern.
- Dimensions: 4.5 x 7.5 x 3.5"
- Weight: 0.7 lb
- SKU: GJ-N1-VC No Electronics, Lock (Keyed-alike)
- SKU: GJ-N1-VD0 No Pass, Powered (Separately
  purchase appropriate LIND power supply with Panasonic
  barrel plug for in-vehicle use), Lock (Keyed-alike)

# PRODUCTIVITY SOLUTIONS

## Stylus Pen

- SKU: FZ-VNPN11U
  (Active Pen)
- SKU: CF-VNP021U
  (Passive Pen)

# SECURITY & PROTECTION SOLUTIONS

## Shatter Resistant Screen Protector LCD Film  (10 Sheets with applicator tool)

- SKU: FZ-VPFN11U
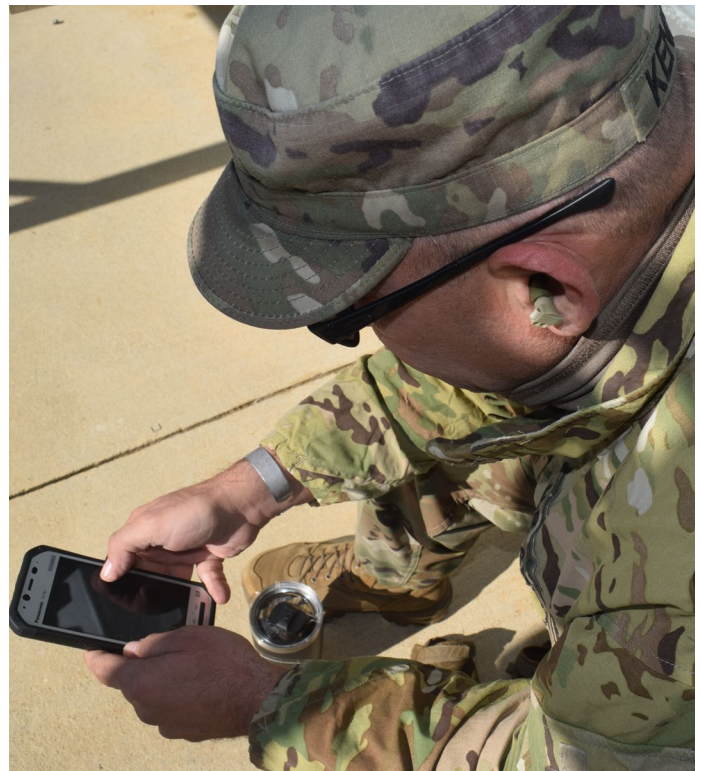
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# PROSERVICES—Development, Deployment and Sustainment

Panasonic offers the ProServices and support needed to power your Android solution at every stage of the customer journey. From pre-deployment consulting to warranty and replacement services and end of life options, Panasonic keeps your mobile workforce productive and your mobile solution costs low.

Our Standard Warranty protects your TOUGHBOOK N1 from manufacturing defects for three years. It provides lifetime access to our U.S.-based technical support hotline (which has average hold times less than 1 minute), online access to tools and manuals; free overnight delivery of customer-replaceable parts and repaired units (85% of repairs are completed within just 48 hours); and access to Panasonic field service personnel.

Panasonic recognizes that one size does not fit all. Each customer has a unique set of skills and needs. Panasonic ProServices can offer each customer the right solution to best fit their particular situation. Contained in this document are some of the most popular service options. For more information please contact your Panasonic representative or go to the ProServices website.

# DEVELOPMENT

Panasonic's Android Engineering Team provides end users with a comprehensive technology partner to consult, design, and implement technically complex solutions in the Android environment. These services include:

**Enterprise Custom Deployment Consulting Setup:**
Provides custom engineering developed solutions such as custom scripting, MDM and infrastructure consulting, and other engineering centric deliverables designed to provide guidance in shortening time to market.

**Rapid Application Development:**
If you're new to Android or an Android veteran, Panasonic offers a diverse toolset to help get your user workflows and administrator capabilities moved to Panasonic Android devices.

**Voice Picking Application Development:**
Provides enhancements to traditional pick and pack operations by automating the picking of inventory with easy to use voice prompts.

**Zero Touch Deployment Consulting Service:**
This service provides Panasonic Zero Touch engineering resources to help guide customers through the process of designing and deploying Android hardware via Zero Touch deployment services. This service will include completion of a customer specific Zero Touch web portal of MDM and related systems to

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# DEPLOYMENT

Panasonic offers a broad set of Deployment and associated services which provide high volume deployment capabilities that deliver TOUGHBOOK Technology into production right out of the box.

These services include:

### Standard Deployment at the Panasonic National Service Center in Memphis:

Comprehensive customized deployment service which provides high volume rapid delivery of production ready TOUGHBOOKs where they are needed—on time and on budget. This service includes single or dual sim installation, SD card installation (customer provided), installing tether, charging battery, asset tagging, MDM enrollment, and a comprehensive deployment report. Ground shipping to multiple locations is included.

• **SKUs:** FZ-SVTCHHDEP/200/500/1000

### Basic Deployment at the Panasonic National Service Center in Memphis:

Basic deployment services providing high volume rapid delivery of bulk production ready devices—On time and on budget. This service includes installing one or two sim's, SD card (supplied by customer), tether, charging batteries, asset tagging & basic deployment report and ground shipping to one location.

• **SKUs:** FZ-SVTCHHBRZ/200/500/1000

# ADDITIONAL DEPLOYMENT SERVICES

**Kitting:** Allows for delivery of accessories or non-Panasonic hardware during project deployment.

• **SKU:** FZ-SVTCHHKIT4

**Wireless Activation:** Includes wireless SIM card installation and activation during deployment services.

• **SKU:** FZ-SVTCHHWA

**Storage:** Staging and storage of devices and accessories in advance of production delivery timeline.

• **SKU:** FZ-SVTCHHSTORAGE

**Additional Configuration:** Additional custom configuration—up to 15 minutes during deployment.

• **SKU:** FZ-SVTCHHCONFIG

**Green Shipping Box:** Custom box for bulk deployment of quantities up to 20 units per shipment. This service is designed to reduce the recyclable materials delivered to the end user site.

• **SKU:** FZ-SVTCHHBOX

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# SUSTAINMENT SERVICES

Panasonic provides mobility hardware with the industries lowest failure rates, but things happen in rugged environments. Panasonic backs our industry leading hardware with comprehensive all-inclusive warranty offerings and associated services to keep your mobile fleet in the field and in production. Sustainment services include:

## Android Premier OS Program

Provides Enterprise grade Android OS, Maintenance, and security updates on a 45-day basis for up to 5 years after purchase for all Android versions supported on the TOUGHBOOK.

**SKUs:**
- 12-month service enrollment    FZ-VLPABY11U
- 24 month service enrollment    FZ-VLPABY12U
- 36 month service enrollment    FZ-VLPABY13U
- 48 month service enrollment    FZ-VLPABY14U
- 60 month service enrollment    FZ-VLPANY15U

Also available within bundled Ultimate Care Warranty programs.

## Accidental Damage—Ultimate Care

This coverage provides truly comprehensive coverage for TOUGHBOOK Handheld computers for out of warranty repairs. No cap and no out of warranty billing for accidental damage for the term of the coverage. Even items like intentional damage, fire, natural disasters like flooding, hurricanes, etc., complete loss and theft (reported) are covered up to 1% of total deployment.

- **SKUs:** FZ-SVTCHHUC3Y/4Y/5Y (3, 4 and 5 years)

## Extended Warranty

Extended Manufacturers Warranty—Extends the same standard warranty coverage on the TOUGHBOOK handheld with the exception of the battery. The cost of labor, parts, and shipping are included in the price of the Extended Warranty Program.

- **SKUs:** FZ-SVCHHEXT2Y/1Y/5Y (4 and 5 years, 4 years, 5 years)

## Smart Battery Warranty

Remove budget requirements while keeping your TOUGHBOOK handhelds in top battery operating condition with this Panasonic proactive battery replacement warranty.

- **SKUs:** FZ-SVCBATSW3Y/5Y (3 and 5 years)

## Advanced Exchange

Advanced exchange at Panasonic National Service Center in Memphis—unit ships via next day air from customer owned inventory for requests received prior to 5:00 EST.

- **SKUs:** FZ-SVTCHHAE3Y/4Y/5Y (3, 4 and 5 years)

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# ADDITIONAL SUSTAINMENT SERVICES

## Smart Service Suite

**Smart Service (Predictive Analytics):** TOUGHBOOK Smart Service delivers real time predictive analytics, proactively reporting device health and smart battery health and activity across the enterprise mobility estate.

**Smart Service**

• **SKU:** FZ-SVCB2MSSD3Y/4Y/5Y

**Smart Device Essentials:** Provides insight into the health of a device as it relates to end user experienced issues such as utilization, power events, and system reboots.

**Smart Device Essentials software
for Android TOUGHBOOKs**

• **SKU:** FZ-SVCB2MDE3Y/4Y/5Y

**Smart Battery Essentials:** Provides real-time reporting of TOUGHBOOK battery health and can be used to manage battery refresh requirements across large device estates.

**Smart Battery Monitoring; battery analytics subscription**

• **SKU:** FZ-SVCB2MBM3Y/4Y/5Y

### Combination SKUs:

**Smart Device Essentials and Smart Battery Essentials**

• **SKU:** FZ-SVCB2MBDE3Y/4Y/5Y

**Smart Battery, Smart Device and Smart Service Software**

• **SKU:** FZ-SVCB2MCMB3Y/4Y/5Y

## VuLock Screen Blanking Software

Blanks TOUGHBOOK screens while the device is in motion. Allows for whitelisting of mission critical applications to appear such as CAD and point to point navigation.

**VuLock Powered by DriveScreen with Smart Port**

• **SKU:** ST-DEPINHHVPD01

**VuLock Powered by DriveScreen with Motion Sensor** (For forklifts)

• **SKU:** ST-DEPINHHVPD02

### SOTI Mobile Device Management

**SOTI MobiControl CLOUD license & hosting—MONTHLY**

• **SKU:** FZ-HHSOTIBCLM

**SOTI Enterprise Support—MONTHLY**

• **SKU:** FZ-HHSOTIENTSUPM

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