



# Toughpad FZ-M1

PANASONIC



## SMALL BUT POWERFUL FIELD TABLE FOR BUILDING CONSTRUCTION LAYOUT

The Panasonic® Toughpad® FZ-M1 is a fully rugged tablet built for the jobsite. Powered by Trimble Field Link and a Windows® 10 Pro operating system, building contractors will experience the easy to use interface of Trimble Field Link with the power of a robust operating system. The FZ-M1 features a long life, user-replaceable battery and a daylight-readable, high-sensitivity multi-touch display for use with heavy gloves.

Paired with Trimble Field Link the FZ-M1 works across the Buildings layout portfolio including: Robotic Total Station (RTS) series, RPT600 or the R8s GNSS for precise and efficient layout activities for all contractors.

## Key Features

- ▶ MIL-STD-810G, 5' Drop and All-weather IP65 Dust and Water-resistant Design
- ▶ User-replaceable Long Life Battery
- ▶ Wi-Fi, Bluetooth® and Optional 4G LTE Multi Carrier Mobile Broadband
- ▶ Jobsite visible 7" Screen





# Panasonic Toughpad FZ-M1

## SOFTWARE

Windows® 10 Professional

## DURABILITY

MIL-STD-810G certified (5' drop, shock, vibration, rain, dust, sand, altitude, freeze/thaw, high/low temperature, temperature shock, humidity, explosive atmosphere)  
 IP65 certified sealed all-weather fanless design  
 Solid state drive heater  
 Magnesium alloy chassis encased with ABS and elastomer corner guards  
 Port covers  
 Raised bezel for LCD impact protection

## CPU

Intel® Core™ m5-6Y57 vPro™ Processor  
 • 2.8GHz with Intel® Turbo Boost up to 2.3GHz  
 • 4MB cache

## STORAGE & MEMORY

4GB SDRAM [LPDDR3]  
 128GB SSD with heaters<sup>1</sup>

## DISPLAY

7" WXGA 1280 x 800  
 10-point capacitive gloved multi touch  
 500 nit  
 IPS with direct bonding  
 Anti-reflective (AR) and anti-glare (AG) screen treatments  
 Intel® HD graphics 4200 video controller, max. 1664MB shared VRAM with Win 8 64-bit  
 Dual monitor support

## INTERFACE & EXPANSION

Docking connector ..... 24-pin  
 Headphones/Mic ..... Mini-jack stereo  
 USB 3.0 (x1) ..... Type A  
 Micro SDXC ..... UHS-I

## WIRELESS

Optional 4G LTE multi carrier mobile broadband  
 Intel® Dual Band Wireless-AC 8260 Wi Fi 802.11a/b/g/n/ac  
 Bluetooth® v4.1 (Class 1) + EDR  
 Security  
 • Authentication: LEAP, WPA, 802.1x, EAP-TLS, EAP-FAST, PEAP  
 • Encryption: CKIP, TKIP, 128-bit and 64-bit WEP, Hardware AES

## POWER SUPPLY

Li-Ion battery pack:  
 • Long life battery: 7.2V, typical 7100mAh, min. 6800mAh  
 Battery operation<sup>2</sup>:  
 • Long life battery: 16 hours  
 Battery charging time<sup>2</sup>:  
 • Long life battery: 4.5 hours off, 6.5 hours on  
 AC Adapter: AC 100V-240V 50/60Hz, auto sensing/switching worldwide power supply

## POWER MANAGEMENT

Suspend/Resume Function, Hibernation, Standby

## WARRANTY

2-year limited warranty, parts and labor

## SECURITY FEATURES

Password Security: Supervisor, User, Hard Disk Lock  
 Kensington cable lock slot  
 Persistence® technology by Absolute embedded in BIOS

## DIMENSION & WEIGHT

7.98"(L) x 5.20"(W) x 0.71"(H)  
 1.2 lbs.

## ACCESSORIES (not available through Trimble)

AC Adapter (3-prong) .....	CF-AA6373AM
Standard Battery Pack .....	FZ-VZSU94W
Long Life Battery Pack .....	FZ-VZSU95W
LIND Car Adapter 120W .....	CF-LNDDC120
LIND Car/AC Adapter 90W (with USB Port) .....	CF-LNDACDC90
LIND Car Adapter 90W MIL-STD .....	CF-LNDMLDC90
Hand Strap with Stylus Holder .....	FZ-VSTM11U
Rotating Hand Strap with Stylus Holder .....	FZ-VSTM12U
Panasonic Shoulder Strap .....	FZ-VNSM12U
Full Desktop Cradle (simultaneous display output) .....	FZ-VEBM12AU
Lite-function Desktop Cradle .....	FZ-VEBM11U
Tether .....	CF-VNT002U
7" Gloved Multi Touch LCD Protective Film .....	FZ-VPFM11U

Caution: Do not expose bare skin to this product when handling this unit in extreme hot or cold environments.

- 1GB = 1,000,000,000 bytes. Total usable memory will be less depending upon actual system configuration.
- Battery performance features such as charge time and life span can vary according to the conditions under which the computer and battery are used. Battery operation and recharge times will vary based on many factors, including screen brightness, applications, features, power management, battery conditioning and other customer preferences. Battery testing results from MobileMark 2007.
- Length measurements do not include protrusions or configurable options.
- Accessories and Integrated Options may vary depending on your configuration.



### NORTH AMERICA

Trimble Inc.  
 10368 Westmoor Drive  
 Westminster CO 80021  
 USA

### EUROPE

Trimble Germany GmbH  
 Am Prime Parc 11  
 65479 Raunheim  
 GERMANY

### ASIA-PACIFIC

Trimble Navigation  
 Singapore PTE Limited  
 3 HarbourFront Place  
 #13-02 HarbourFront Tower Two  
 Singapore 099254  
 SINGAPORE

© 2018, Trimble Inc. All rights reserved. Trimble, the Globe & Triangle logo are trademarks of Trimble Inc., registered in the United States and in other countries. Trimble Field Link and RPT600 are trademarks of Trimble Inc. All other trademarks are the property of their respective owners. PN 022482-3331A\_EN (11/15)