



Rugged
Mobility

Panasonic ToughPad FZ-M1

The world's first fully-rugged 7"
Windows® 8 tablet with an Intel® Core™
i5 vPro™ processor.



For More Information Visit www.ruggedmobility.com.au

**Introducing the NEW
Panasonic Toughpad family.
A fearless new way to do
business.**



THE LIGHTEST FULLY-RUGGED WINDOWS 8 - POWERED TABLET DESIGNED FOR PROFESSIONALS.

The Panasonic Toughpad FZ-M1 is the world's thinnest and lightest rugged 7-inch Windows tablet, built to enable mission-critical mobile worker productivity without compromise. Powered by Windows 8.1 Pro and a 4th generation Intel Core i5 vPro processor, the Toughpad FZ-M1 offers the broadest range of configuration options available in its class for maximum flexibility. Its fully-rugged, sealed design is certified to meet MIL-STD-810G and IP65 specifications for resistance to drops up to 5 feet, water, dust, and other elements. With a long-life, user-replaceable battery and sunlight-readable, high-sensitivity multi-touch screen for use with heavy gloves, the Toughpad FZ-M1 is the ideal tool for today's mobile workforce.



FEATURES AT A GLANCE

- MIL-STD-810G, 5' Drop and All-weather IP65 Dust and Water-resistant Design
- 4th Generation Intel® Core™ i5 vPro™ Processor
- User-replaceable Battery, Optional Bridge Battery and Long Life Battery
- USB 3.0, Optional NFC, Ethernet, Serial, SmartCard, Magnetic Stripe and Barcode Reader¹
- Wi-Fi, Bluetooth® and Optional Dedicated GPS or 4G LTE Multi Carrier Mobile Broadband
- 3-year Warranty with Business Class Support



Specifications

DURABILITY

- MIL-STD-810G design (5' drop, shock, vibration, rain, dust, sand, altitude, freeze/thaw, high/low temperature, temperature shock, humidity, explosive atmosphere)
- IP65 sealed all-weather fanless design
- Magnesium alloy chassis encased with ABS and elastomer corner guards
- Optional rotating hand strap
- Port covers
- Raised bezel for LCD impact protection
- Pre-installed replaceable screen film for LCD protection

SOFTWARE

- Windows® 8.1 Pro 64-bit (with Windows® 7 downgrade option)
- Panasonic Utilities (including Dashboard), Recovery Partition

CPU

- Intel® Core™ i5-4302Y vPro™ Processor
 - 1.6GHz with Turbo Boost up to 2.3GHz
 - Intel Smart Cache 3MB

STORAGE & MEMORY

- 8GB SDRAM (DDR3L-1333MHz)^{2,3}
 - Up to 64GB additional with optional microSXC card
- 128 and 256GB SSD with heaters²

DISPLAY

- 7" WXGA 1280 x 800 with LED backlighting
- 10-point capacitive multi touch + digitizer daylight-readable screen
 - 500 nit
 - IPS display with direct bonding
 - Anti-reflective screen treatments
 - Ambient light sensor, digital compass, gyro and acceleration sensors
 - Automatic screen rotation
 - Intel® HD Graphics 4200 video controller, max. 1664MB shared VRAM with Win 8 64-bit⁴
- Concealed Mode (configurable)

AUDIO

- Integrated microphone
- Realtek high-definition audio
- Integrated speaker
- On-screen and button volume and mute controls

KEYBOARD & INPUTS

- 10 point multi touch + digitizer screen
 - Supports gloved touch and gestures and capacitive stylus pen
- 6 tablet buttons (2 user definable)
- Integrated stylus holder in optional rotating hand strap
- On-screen QWERTY keyboard

EXPANSION SLOTS

- Optional micro-SDXC

CAMERAS

- 720p webcam with mic
- 5MP rear camera with autofocus and LED light

INTERFACE

- Docking connector 24-pin
- HDMI Type A
- Headphones/speaker Mini-jack stereo
- USB 3.0 (x 1) 4-pin

WIRELESS

- Optional integrated 4G LTE multi carrier mobile broadband with satellite GPS
- Optional dedicated GPS (SiRFstarIII™)
- Bluetooth® v4.0 (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
- Optional dual high-gain antenna pass-through

POWER SUPPLY

- Li-Ion battery pack
 - Standard battery: 7.2V, typical 3220mAh, minimum 3120mAh
 - Long life battery: 7.2V, typical 7100mAh, minimum 6800mAh
- Battery operation: Approx. 8 hours⁵
 - Optional long life battery: 16 hours
- Battery charging time: 2.5 hours off, 3 hours on⁵

POWER MANAGEMENT

- Suspend/Resume Function, Hibernation, Standby

SECURITY FEATURES

- Password Security: Supervisor, User, Hard Disk Lock
- Kensington cable lock slot
- Trusted platform module (TPM) security chip v.1.2
- Computrace® theft protection agent in BIOS⁶
- Intel® Anti-Theft Technology
- Optional SmartCard reader¹

GENERAL

- Dimensions - D x W x H (mm) 200 x 132 x 18
- Weight - 544g

WARRANTY

- 3-year limited warranty, parts and labour

INTEGRATED OPTIONS⁸

- 4G LTE multi carrier mobile broadband with satellite GPS
- Available packages¹:
 - SmartCard reader (half insertable) and bridge battery, 1D/2D barcode reader or LAN or serial
 - Magnetic stripe reader and bridge battery, 1D/2D barcode reader or LAN or serial
 - Near Field Communication and bridge battery, 1D/2D barcode reader or LAN or serial
 - UHF/RFID reader and bridge battery, 1D/2D barcode reader or LAN or serial

ACCESSORIES⁸

- AC Adapter (3-prong) CF-AA6431US
- Standard Battery Pack FZ-VZSU94JS
- Long Life Battery Pack FZ-VZSU95JS
- Multi-battery Charger FZ-VCBM11U
- Battery Charger CF-VCBTB3W/VCBAM11U
- Standard Hand Strap FZ-VSTM11U
- Rotating Hand Strap FZ-VSTM12U
- Capacitive Stylus Pen FZ-VNPM11U
- Desktop Cradle FZ-VEBM12U
- Lite-function Cradle FZ-VEBM11U
- Replacement Protection Film FZ-VPFM11U

Please consult your reseller or Panasonic representative before purchasing.

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

1 Mutually exclusive option.

21GB = 1,000,000,000 bytes.

3 Total usable memory will be less depending upon actual system configuration.

4 The size of the VRAM cannot be set by the user and varies by operating system as well as size of RAM. Windows 7 max. VRAM is 1544MB.

5 Approximate time. 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.

6 Requires software and activation to enable theft protection.

7 Length measurements do not include protrusions.

8 Accessories and Integrated Options may vary depending on your configuration. Visit Panasonic website for more accessories and details