



Panasonic recommends Windows 10 Pro.

TOUGHPAD FZ-M1

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

5-FOOT
DROP RATING

IP65

MIL-STD-
810G

ONE OF THE WORLD'S MOST CONFIGURABLE 7" WINDOWS 10 PRO TABLET.

The Panasonic Toughpad FZ-M1 is one of the world's thinnest and lightest fully-rugged 7" Windows tablet, built to enable mission-critical mobile worker productivity without compromise. Powered by Windows 10 Pro and 6th generation Intel® Core™ m5-6Y57 vPro™ processor, the Toughpad FZ-M1 features a long life, user-replaceable battery and a daylight-readable, high-sensitivity multi touchscreen for use with heavy gloves. With one of the broadest range of configuration options available in its class, the highly customizable Toughpad FZ-M1 is the ideal tool for today's mobile workforce.

TOUGHPAD FZ-M1

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SOFTWARE

- Windows 10 Pro 64-bit
- Panasonic Utilities (including Dashboard), Recovery Partition

DURABILITY

- MIL-STD-810G design (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
- Optional hand strap or rotating hand strap
- Port covers
- Raised bezel for LCD impact protection
- Pre-installed replaceable screen film for LCD protection

CPU

- Intel® Core™ m5-6Y57 vPro™ Processor
 - 1.1GHz with Intel® Turbo Boost up to 2.8GHz
 - 4MB cache

STORAGE & MEMORY

- 8GB SDRAM [DDR3L-1333MHz]^{2,3}
 - Up to 64GB additional with optional microSDXC card
 - 128GB and 256GB solid state drives (SSD) with heaters⁴

DISPLAY

- 7" WXGA 1280 x 800 with LED backlighting
- 10-point capacitive multi touch daylight-readable screen
 - 500 nit
 - IPS display with direct bonding
 - Anti-reflective screen treatment
 - Ambient light sensor, digital compass, gyro and acceleration sensors
 - Automatic screen rotation
 - Intel® HD graphics 515
- Concealed mode (configurable)

AUDIO

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

KEYBOARD & INPUT

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

CAMERAS

- 720p webcam with mic
- 8MP rear camera with auto focus and LED light

EXPANSION

- MicroSDXC

INTERFACE

- Docking connector 24-pin
- 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 (Ublox Neo M8 series)
- Intel® Dual Band Wireless AC8260 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
- 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 operation⁵:
 - Standard battery: 9 hours
 - Optional long life battery: 18 hours
 - Bridge battery: 30 seconds
- Battery charging time⁶:
 - Standard battery: 2.5 hours off, 3 hours on
 - Optional long life battery: 4.5 hours off, 5 hours on

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.2.0
- Computrace® theft protection agent in BIOS⁷
- Absolute® Data and Device Security theft protection agent in Bios⁵
- Optional insertable SmartCard reader¹
- Optional contactless RFID and SmartCard reader¹

WARRANTY

- 3-year limited warranty, parts and labor

DIMENSIONS & WEIGHT⁷

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

INTEGRATED OPTIONS⁸

- Choice of 4G LTE multi carrier mobile broadband with satellite GPS, or GPS only (U-blox 8), and dual high-gain antenna pass through for WWAN and GPS
- UHF 900MHz RFID reader (EPC Gen 2)¹
- Choice of 1D/2D barcode reader (EA30), serial dongle, Ethernet, or 2nd USB 2.0 port; bridge battery optional¹
- Choice insertable SmartCard reader or contactless SmartCard reader (ISO 15693 and 14443 A/B compliant); bridge battery optional¹

ACCESSORIES⁸

- AC Adapter (3-prong) CFAA6373AM
- Standard Battery Pack FZV2SU94W
- Long Life Battery Pack FZV2SU95W
- Multi-battery Charger FZVCBM11U
- Capacitive Replacement Stylus FZVNPM11U
- Desktop Cradle FZVEBM12AU
- Lite-function Cradle FZVEBM11AU
- Replacement Protection Film FZVPM11U
- Standard Hand Strap FZVSTM11U
- Rotating Hand Strap FZVSTM12U
- Shoulder Strap FZVNSM12U

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.

² 1GB = 1,000,000,000 bytes.

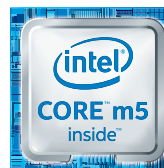
³ Total usable memory will be less depending upon actual system configuration.

⁴ 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.

⁵ Requires software and activation to enable theft protection.

⁶ Length measurements do not include protrusions or configurable options.

⁷ Accessories and Integrated Options may vary depending on your configuration. Visit Panasonic website for more accessories and details.



1.866.413.3099

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