



# TOUGH PAD FZ-M1

## POCKET SIZE, FANLESS, FULLY RUGGED WINDOWS 8.1 PRO TABLET WITH 7" OUTDOOR DISPLAY

The fully rugged Toughpad FZ-M1 sets the new benchmark for outdoor tablets making it ideal for field workforces in challenging environments. With its capacitive 10-finger multi-touch outdoor display and flexible configurations, this Windows 8.1 Pro tablet has been designed to optimise the efficiency of field workers. It benefits from various connectivity options to ensure data is always available when needed and gives business users the legacy options they require in a compact, fully rugged and lightweight form factor.

- Intel® Core™ i5-4302Y vPro Processor
- Windows 8.1 Pro
- Fanless design
- Intel HD 4200 graphics
- 7" WXGA (1280x800) outdoor display (up to 500cd/m<sup>2</sup>)
- Capacitive 10 finger multi-touchscreen
- 150cm shock resistant\*
- Water and dust resistant (IP65)\*
- Up to 8 hours battery life
- Up to 16 hours battery life with high capacity battery (optional)
- User exchangeable battery
- Hot swap battery optional (in combination with business expansion module)
- Flexible configuration port (serial, LAN, 2D Barcode Reader, NFC)
- Integrated business expansion module (RFID, UHF RFID, Smartcard Reader)
- Lightweight - weighs approx. 540g

\* Tested at Panasonic Factory



## DRIVING EFFICIENCY

### FOR FIELD PROFESSIONALS WHO FACE THE TOUGHEST CHALLENGES

The Toughpad FZ-M1 shares its DNA with the Toughbook family of products from Panasonic, combining ergonomic and durable design that has made Toughbook the first choice for field workforces. Panasonic has created the fully rugged, highly mobile and pocket size Toughpad FZ-M1 to answer the needs of organisations that require Windows 8.1 functionality in a durable tablet for outdoor field workers. Never before has so much flexibility and performance been packed into such a compact, durable tablet with such great outdoor viewing capability.



|                                 |   |
|---------------------------------|---|
| Mobile Computing Platform       | Intel® Core™ i5-4302Y vPro™ processor<br>(1.6GHz, 3MB Intel® Smart Cache)   |
| Operating System                | Windows 8.1 Pro<br>Windows® 7 Professional Downgrade  |
| RAM                             | 4GB (max. 8GB)  |
| Graphic Chip                    | Intel® HD 4200 Graphics, UMA (Windows 8.1 max. 1.664MB)   |
| Camera                          | Front: 2mpixel<br>Rear: 5mpixel with autofocus and LED light (8mpixel optional)   |
| Storage                         | 128 GB Solid State Drive (Serial ATA), 256GB optional   |
| LCD                             | 7" sunlight-viewable WXGA Active Matrix (TFT) IPS LCD with circular polarizer (up to 500cd/m <sup>2</sup> brightness)   |
| Touchscreen                     | 10 finger capacitive multi-touchscreen  |
| Bluetooth®                      | Version 4.0 + EDR Class 1   |
| WLAN                            | Intel® Dual Band Wireless-AC 7260   |
| 4G Mobile Broadband             | Option (Gobi 5000), supports 3G   |
| 3G Mobile Broadband             | Option  |
| GPS                             | Option  |
| RFID                            | Option HF RFID (NFC), ISO 14443   |
| Sound                           | WAVE and MIDI playback, Intel® High Definition Audio subsystem support, internal Microphone for Webcam  |
| Interface                       | USB 3.0: x1<br>Headset: x1<br>Port Replicator Connector: x1<br>Dual Antenna Connector: x1 optional  |
| Configuration Port*             | LAN, Serial, 2D Barcode Reader  |
| Business expansion Module*      | UHF RFID, Smartcard Reader  |
| Expansion slots                 | Micro SD/SDXC Memory Card: x1   |
| Power                           | AC Adapter: Input: 100V - 240V AC, 50Hz/60Hz, Output: 16V DC, 3.75A<br>Battery: Lithium-Ion (7.2V, 3320mAh)<br>Operating Time: 8 hours, MobileMark™ 2007, 60cd/m <sup>2</sup><br>Hot Swap Battery: Optional via business expansion module   |
| Security Features               | TPM (Trusted Platform Module TCG V2.0 Windows 8.1, V1.2 Windows 7 compliant)<br>Integrated hardware security lock slot  |
| Physical Dimensions (W x D x H) | 203mm x 18mm x 132mm {7.98" x 5.20" x 0.71"}  |
| Weight                          | Approx. 540g {Approx. 1.2lbs}   |
| Testing Standards               | Water resistance test: IP-X5**<br>Dust resistance test: IP-6X**<br>Gravity drop resistance test: 150cm**  |
| Accessories                     | AC-Adapter: CF-AA6373AE/G/T<br>2-Cell Battery: FZ-VZSU94W<br>4-Cell Battery: FZ-VZSU95W<br>4-Bay Battery Charger: FZ-VCBM11U<br>Desktop Cradle: FZ-VEBM12U<br>Lite Desktop Cradle: FZ-VEBM11U<br>Capacitive Stylus Pen: FZ-VNPM11U<br>Carrying Solutions: Please visit <a href="http://www.toughbook.eu">www.toughbook.eu</a> |

\* One option exclusive possible in configuration port / business expansion module

\*\* Tested at Panasonic factory

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