



# TOUGH PAD FZ-M1 VALUE

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

Ideal for industry sectors using light applications and looking to replace their ageing business PDA's, the FZ-M1 Value version with its energy efficient and mobility-designed Intel Celeron processor is an affordable and flexible mobile solution. With its capacitive, 10-finger multi-touch display and flexible configurable ports this Windows 8.1 device can be used in the field whilst benefitting from connectivity options to ensure data is always available when needed. The flexible configuration ports gives business users the legacy port options they require in a compact, fully rugged and lightweight form factor.

- Intel® Celeron™ N2807 Processor
- Windows 8.1 Pro
- Fanless design
- Intel HD 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, USB 2.0)
- Integrated business expansion module (NFC, UHF RFID, Smartcard Reader, LAN + serial, SD + serial)
- Lightweight - weights approx. 540g

\* Tested at Panasonic Factory





## MOBILE BUSINESS EXCELLENCE

FOR FIELD PROFESSIONALS WHO FACE THE TOUGHEST CHALLENGES

The Toughpad FZ-M1 Value shares its DNA with the Toughbook family of products from Panasonic, combining ergonomic and durable design that has made Toughbook the best choice for field workforces. Panasonic has created the fully rugged, highly mobile and lightweight Toughpad Windows 8.1 Pro tablet to answer the needs of organisations that require Windows 8.1 Pro functionality in a dependable tablet for their outdoor field working challenges. Never before has so much capability and flexibility been packed into such a small form factor with premium outdoor viewing quality and lightweight, mobile tablet design.



|                                 |  |   |
|---------------------------------|--|---|
| Mobile Computing Platform       | Intel® Celeron N2807 processor (1.58GHz, 1MB L2 Cache)   |   |
| Operating System                | Windows 8.1 Pro  |   |
| RAM                             | 2GB (4GB optional)   |   |
| Graphic Chip                    | Intel® HD Graphics   |   |
| Camera                          | Front:   | 2mpixel   |
|                                 | Rear:  | 5mpixel with autofocus and LED light (8mpixel optional) |
| Storage                         | 128GB Solid State Drive (Serial ATA)   |   |
| LCD                             | 7" sunlight-viewable WXGA Active Matrix (TFT) colour 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   |   |
| NFC                             | Option, ISO 14443  |   |
| Sound                           | WAVE and MIDI playback, Intel® High Definition Audio subsystem support, Microphone arrays (built-in)                     |   |
| Interface                       | USB 3.0:   | x1  |
|                                 | Headset:   | x1  |
|                                 | Port Replicator Connector:   | x1  |
|                                 | Dual Antenna Connector:  | x1 optional   |
| Configuration Port*             | LAN, Serial, 2D Barcode Reader, USB 2.0  |   |
| Business expansion Module*      | NFC, UHF RFID, Smartcard Reader, LAN + Serial, SD + Serial   |   |
| Expansion slots                 | Micro SD/SDXC Memory Card:   | x1  |
| Power                           | AC Adapter   | Input: 100V - 240V AC, 50Hz/60Hz, Output: 16V DC, 4.06A |
|                                 | Battery  | Lithium-Ion (7.2V, 3320mAh)                             |
|                                 | Operating Time   | 8 hours, MobileMark™ 2007, 60cd/m <sup>2</sup>          |
|                                 | Hot Swap   | Optional via business expansion module                  |
| Security Features               | TPM (Trusted Platform Module) TCG V2.0 Windows 8.1 compliant)  |   |
|                                 | 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**   |
|                                 | Dust resistance test:  | IP-6X**   |
|                                 | Gravity drop resistance test:  | 150cm**   |
| Accessories                     | AC-Adapter:  | CF-AA6373AE/G/T   |
|                                 | 2-Cell Battery:  | FZ-VZSU94W  |
|                                 | 4-Cell Battery:  | FZ-VZSU95W  |
|                                 | 4-Bay Battery Charger:   | FZ-VCBM11U  |
|                                 | Desktop Cradle:  | FZ-VEBM12U  |
|                                 | Lite Desktop Cradle:   | FZ-VEBM11U  |
|                                 | Capacitive Stylus Pen:   | FZ-VNPM11U  |
| Carrying Solutions:             | Please visit <a href="http://www.toughbook.eu">www.toughbook.eu</a>  |   |

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

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