





## **TOUGHPAD FZ-M1**

# POCKET SIZE, FANLESS, FULLY RUGGED WINDOWS 10 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 10 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™ i5-7Y57 vPro Processor
- · Windows 10 Pro
- Fanless design
- Intel graphics 615
- 7" WXGA (1280x800) outdoor display (up to 700cd/m²)
- Capacitive 10 finger multi-touchscreen
- 180cm shock resistant\*
- Water and dust resistant (IP65)\*

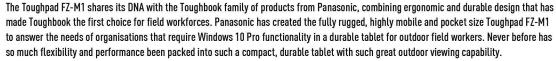
- Up to 8 hours battery life
- Up to 18 hours battery life with high capacity battery (optional)
- User exchangeable battery
- Hot swap battery optional (in combination with business expansion module)
- Flexible configuration port (Serial, LAN, 2D Barcode Reader, USB 2 0)
- Integrated business expansion module (NFC, UHF RFID, Smartcard Reader, LAN + Serial, SD + Serial, Intel® Realsense, Thermal by
- · Lightweight weights approx. 540g
- \* Tested by an independent third party lab following MIL-STD-810G and IEC 60529, Sections 13.4, 13.6.2, 14.2.5 and 14.3.



#### Panasonic recommends Windows 10 Pro.

### **DRIVING EFFICIENCY**

#### FOR FIELD PROFESSIONALS WHO FACE THE TOUGHEST CHALLENGES











Mobile Computing Platform	Intel® Core™ i5-7Y57 vPro™ processor	
	1.2 GHz up to 3.3 GHz with Intel® Turbo Boost Technology, 4MB Intel® Smart Cache	
Operating System	Windows 10 Pro	
RAM	4GB (max. 8GB)	
Graphic Chip	Intel® HD Graphics 615	
Camera	Front:	2mpixel
	Rear:	8mpixel with autofocus and LED flash
Storage	128 GB Solid State Drive (Serial ATA), 256GB optional	
LCD	7" sunlight-viewable WXGA Active Matrix (TFT) IPS LCD (up to 700cd/m² brightness)	
Touchscreen	10 finger capacitive multi-touchscreen	
Bluetooth®	Version 4.1 + EDR Class 1	
WLAN	Intel® Dual Band Wireless-AC 8265	
4G Mobile Broadband	Option (Gobi 5000), supports 3G	
GPS	Option	
NFC	Option, ISO 14443	
Sound	WAVE and MIDI playback, Intel® High Definition Audio subsystem support, internal Microphone for Webcam	
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, Intel® Realsense, Thermal by FLIR	
Expansion slots	Micro SD/SDXC Memory Card:	x1
Power	AC Adapter:	Input: 100V - 240V AC, 50Hz/60Hz, Output: 16V DC, 3.75A
	Battery:	Lithium-Ion (7.2V, 3220mAh)
	Operating Time:	8 hours, MobileMark™ 2014, 150cd/m²
	Hot Swap Battery:	Optional via business expansion module
Security Features	TPM (Trusted Platform ModuleTCG V2.0	
	Integrated hardware security lock slot	
Physical Dimensions (W x D x H)		
Weight	Approx. 540g {Approx. 1.2lbs}	
Testing Standards	Water resistance test:	IP-X5**
	Dust resistance test:	IP-6X**
	Gravity drop resistance test:	180cm**
	Operating temperature:	-29°C to +60°C**
	Storage temperature:	-51°C to + 71°C**
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 www.toughbook.eu	
Standard Configuration	FZ-M1mk3 Standard Model, 4GB RAM, 128GB SSD, Battery Pack, Stylus Pen	

FZ-M1mk3 Standard Model: 26.07.2018

 $\ensuremath{^{\star}}$  One option extusive possible in configuration port / business expansion module

\*\* Tested by an independent third party lab following MIL-STD-810G and IEC 60529, Sections 13.4, 13.6.2, 14.2.5 and 14.3.



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