Panasonic recommends Windows 10 Pro









TOUGHPAD **FZ-M1**MK2

THE WORLD'S FIRST FULLY-RUGGED 7" WINDOWS® 10 PRO TABLET WITH AN INTEL® CORE™ I5 VPRO™ PROCESSOR

intel CORE vPro i5 inside
Protect. Manage.

The Panasonic Toughpad FZ-M1MK2 is 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 a 5th generation Intel Core i5 vPro™ processor, the Toughpad FZ-M1MK2 features a long life, user-replaceable battery and a daylight-readable, high-sensitivity multi touchscreen for use with heavy gloves. With the broadest range of configuration options available in its class, the highly customisable Toughpad FZ-M1MK2 is the ideal tool for today's mobile workforce.

- Fully-rugged 7-inch Windows 10 Pro tablet
- 5th generation Intel® Core™ i5 vPro processor
- All weather IP65 rated dust and water-resistant design
- 7" WXGA (1280 x 800), daylight-readable (up to 500cd/m2) IPS display
- Ultra high sensitive touchscreen technology also compatible whilst using gloves
- Wi-Fi, Bluetooth, and optional 4G/LTE with 12 Channel GPS
- Optional USB 2.0, NFC, Ethernet, Serial, SmartCard, Magnetic Stripe Reader, BarcodeReader or UHF RFID reader*, GPS.
- User exchangeable hot swappable battery** with optional long life battery that provides up to 18 hours of continuous use

* Option combinations are varied. Please consult with your local rep for further info.

** Hot swap function not available with UHF RFID reader.

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TOUGHPAD **FZ-M1**MK2

THE POWER OF A PC IN YOUR PALM OF YOUR HAND

The Toughpad FZ-M1MK2 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 workers. Panasonic has created the fully rugged, highly mobile and lightweight Toughpad FZ-M1MK2 Windows 10 tablet to answer the needs of organisations that require Windows functionality in a dependable tablet for their outdoor field working challenges. Never before has so much capability, flexibility and performance been packed into such a small form factor with premium outdoor viewing quality and lightweight, mobile tablet design.









Mobile Computing Platform	Intel® Core™ i5-6Y57 vPro™ Processor (1.1GHz with Intel® Turbo Boost up to 2.8GHz, 4MB Cache)	
Operating System	Windows 10 Pro	
RAM	4GB DDR3L SDRAM (max 8GB on board not user upgradeable)	
Graphic Chip	Intel® HD Graphics 515 (built-in chipset)	
Camera	Front: HD 1920 x 1080, 30 fps	
	Rear: 8MP, 3264 x 2448 still dots, 15 fps, with autofocus & LED light	
Storage	128 GB SSD (Optional 256GB SSD not user upgradeable)	
Display	7" WXGA 1280 x 800 daylight readable screen with LED backlighting	
	Up to 500cd/m² brightness	
	10 point capacitive multi touchscreen	
	Supports gestures, gloved touch, and capacitive stylus pen	
	IPS display with direct bonding	
	Anti-reflective screen treatment	
Bluetooth®	Version 4.1 + EDR Class 1	
WLAN	Intel® Dual Band Wireless-AC 8260 WiFi 802.11 a/b/g/n/ac	
4G/LTE Mobile Broadband	Optional Sierra Wireless EM7305 with 12 Channel GPS	
Sound	Built-in Monoaural Speaker with HD Audio Support	
	Integrated Microphone	
Interface	USB 3.0: x1	Headphone: x1
	Docking Connector: (dedicated 24-pin)	
Expansion slots	Micro SD/SDXC Memory Card x1	
Integrated Options Area 1	Smart Card Reader - FZ-WSCM112 or NFC - FZ-WNFM112 or UHF RFID - FZ-WRFM112 (also takes up option area 2) or Magstripe reader or SD Card Gadget	
Integrated Options Area 2	Barcode Reader - FZ-W2DM111 or LAN - FZ-WLNM111 or Serial Port - FZ-WSRM111(Serial not supported on ATOM value models), 2nd USB	
Integrated Options Area Others	Dedicated GPS - FZ-WGPM111 (cannot be used in conjunction with 4G/LTE) with 12 Channels	
	Dual Antenna Pass Through - FZ-WEWM111	
	Hot Swap Battery - FZ-WHSM112	
Power	AC Adapter Input: 100V-240V AC, 50Hz/60Hz	AC Adapter Output: 16V DC, 3.75A
	Standard Battery: Li-Ion 7.2V, 3220mAh (typical)	Optional Large Battery: Li-Ion 7.2V, 7100mAh (typical)
	Operating Time: Up to 9 hours (standard battery), 18 hours (large battery)	
Security Features	TPM (Trusted Platform Module, TCG V1.2 compliant), Integrated Kensington cable security lock slot, Password security (supervisor password, user password, HDD lock)	
Physical Dimensions	203mm (W) x 132mm (H) x 18mm (D)	
Weight	Approx 540g	
Operating Environment	Temperature: -10°C to 50°C or storage to -20°C to 60°C	
	Humidity: 30% to 80% RH (no condensation) or storage to 30°C to 90°C	
Accessories	Rotating handstrap with integrated stylus holder: FZ-VSTM12U	AC Adapter: CF-AA6373AM
	Cradle (Full version): FZ-VEBM12U	Cradle (Lite version): FZ-VEBM11U
	Capacitive Stylus Pen: FZ-VNPM11U	7" Screen Protective Film: FZ-VPFM11U
	Standard Battery: FZ-VZSU94W	7Large Battery: FZ-VZSU95W
	4-bay Battery Charger: FZ-VCBM11U	
Testing Standards	Water resistance test: IP-X5**	
	Dust resistance test: IP-6X**	
	Gravity drop resistance test: 150cm**	

*Option combinations are varied. Please consult with your local rep for further info
** Tested at Panasonic factory.

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