

# For Field Professionals who face the toughest challenge

TOUGHBOOK M1 Value

Pocket Size, fanless, fully rugged Windows 10 Pro Tablet with 7" Outdoor Display



## KEY FEATURES

- Intel® Celeron™ N4100 Processor
- Windows 10 Pro
- 7" Active Matrix (TFT) colour LCD 1280 x 800 (WXGA) LCD with sunlight-viewable glove-enabled capacitive touchscreen (up to 700cd/m<sup>2</sup>)
- 180cm shock resistant\*, Water and dust resistant (IP65)\*
- Flexible configuration port\* (LAN, 2D Barcode Reader, USB 2.0) and integrated business expansion module\* (NFC, Smartcard Reader)



## SPECIFICATIONS

Mobile Computing Platform	Intel® Celeron™ N4100 Processor
Operating System	Windows 10 Pro
RAM	4GB RAM
Graphic Chip	Intel® HD Graphics 600
Storage	128GB SSD
LCD	7" Active Matrix (TFT) colour LCD 1280 x 800 (WXGA) LCD with sunlight-viewable glove-enabled capacitive touchscreen (up to 700cd/m <sup>2</sup> )
Bluetooth™	4.2 + EDR Class 1
Wireless LAN	Intel® Dual Band Wireless-AC 9560
Mobile Broadband*	4G LTE, supports 3G
GPS*	U-Blox NEO-M8N
Sound	WAVE and MIDI playback, Intel® High Definition Audio subsystem support, internal Microphone for Webcam
Security	TPM (TCG V2.0 compliant) Password security (supervisor password, user password, hard disc lock) Integrated hardware security lock slot
Front Camera	2mpixel
Rear Camera	8mpixel with autofocus and LED flash
Micro SD/SDXC Memory Card	x1
USB 3.0	x1
Headset	x1
DC In	x1
Port Replicator	x1
Dual Antenna Connector*	x1
Configuration port**	LAN, 2D Barcode Reader, USB 2.0
Business Expansion Module**	NFC, Smartcard Reader, Hot Swap
AC Adapter	Input: 100V - 240V AC, 50Hz/60Hz, Output: 16V DC, 3.75A
Battery	Lithium-Ion (2 cell, 23 Whr)
Battery Life	Approx. 8 hours (Mobile Mark™ 2014), Approx. 18 hours with 4 cell battery*
Power Management	Hot swap*, Standby function, ACPI BIOS
Dimensions (WxHxD)	203mm x 18mm x 132mm / 7.98" x 5.20" x 0.71"
Weight	Approx. 540g / 1.2lb
Drop Resistance	MIL-STD 810G, 180cm***
Dust Resistance	IEC529 (JIS C0920) IP6x***
Water Resistance	IEC529 (JIS C0920) IPx5***
Operating Temperature	MIL-STD 810G, -29 °C to 60 °C ***
Standard Configuration	FZ-M1mk3 Value Model, 4GB RAM, 128GB SSD, Battery Pack, Stylus Pen
Included in the box	Power Supply, Power Cord, Display cleaning cloth and User Manual
Footnote	<p>*Optional</p> <p>**One option exclusive possible in configuration port / business expansion module</p> <p>***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</p>
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## CONTACT

Web: <https://business.panasonic.co.uk/computer-product/contact-us>