



Ready for retail. In every way

TOUGHBOOK T1

The TOUGHBOOK T1 brings together the best of handheld and smartphone functionality into a single rugged 5.0" device. With its voice and data capabilities, integrated barcode scanner, wide range of functionality and a host of accessories the TOUGHBOOK T1 handheld is the ideal tool for mobile workers in the retail, manufacturing, warehouse, transportation & logistics and public safety sectors. Tested to MIL-STD810G, with an IP68 rating and 1.5 metre drop resistance, the TOUGHBOOK T1 promises a long productive life span with a low total cost of ownership.

Key Features

Qualcomm® MSM8909 Processor

Android 9.0

5" Active Matrix (TFT) colour LCD 1280 x 720 (HD) LCD with sunlight-viewable glove-enabled capacitive touchscreen

Tested to MIL-STD810G**, IP68

Enterprise level security and manageability

TOUGHBOOK T1

<https://ap.connect.panasonic.com/th/en/products/toughbook/toughbook-t1>

Mobile Computing Platform	Qualcomm® MSM8909 Processor
Operating System	Android 9.0
RAM	2GB
Storage	16GB eMMC
LCD	5" Active Matrix (TFT) colour LCD 1280 x 720 (HD) LCD with sunlight-viewable glove-enabled capacitive touchscreen (minimum 500cd/m ²), support for active pen
Bluetooth™	4.2 + EDR Class 1
Wireless LAN	Qualcomm® WCN3660B (a/b/g/n/d/h/i/r)
Mobile Broadband*	LTE, HSPA+, UMTS, EDGE, GPRS, GSM (Data and Voice)
GPS	Embedded
NFC	Embedded supports Type A,B, ISO15693 and Felica
Sound	3 Microphones (x2 front, x1 rear)
	Speaker (up to 100 dB)
Security	FIPS140-2 level-1 compliant, Built-in ARM® TrustZone®
Rear Camera	8mpixel with LED light
Micro SD/SDXC Memory Card	x1
Barcode Reader	Aimer and light, 44 types of 1D/2D barcodes supported
Micro USB 2.0	x1
Headset	x1
Port Replicator	x1
Scan Buttons	x2
AC Adapter	USB charger and USB cable (available as accessory)
Battery	Li-Ion end user replaceable
Battery Life***	Up to 12 hours continuous data access
Power Management	Warm Swap
Dimensions (WxHxD)	75mm x 154mm x 13.1mm (17.5mm at Barcode Reader)
Weight	Approx 240g
Drop Resistance	150cm**
Tumble Resistance	500 tumbles each 1.0m**
Dust Resistance	IEC529 (JIS C0920) IP6x
Water Resistance	IEC529 (JIS C0920) IPx8
Operating Temperature	-10°C to +50°C**
Standard Configuration	FZ-T1 mk1.5 WiFi only or FZ-T1 mk1 Data and Voice, 2GB RAM, 16GB eMMC, battery pack
Included in the box	Regulatory Guide
Footnote	*Optional

**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

***Battery life measurement conditions: Wireless LAN, connection enabled; continuous access to the server while browsing; swipe every 1 second; page change every 30 seconds.