



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

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Qualcomm® MSM8909 Processor

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Android 9.0

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

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Tested to MIL-STD810G\*\*, IP68

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Enterprise level security and manageability

## TOUGHBOOK T1

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

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