Panasonic
BUSINESS

TOUGHBOOK FZ-L1

THE STLYING YOU WANT WITH THE RELIABILITY YOU NEED

The Toughbook FZ-L1 is lightweight rugged Android tablet ideal for edge computing and customer-facing mobile workers that need a versatile and cost-effective device. With its 7 inch display and optional barcode reader, it is suitable for a wide range of roles in industries such as retail and hospitality, manufacturing, transportation and logistics.
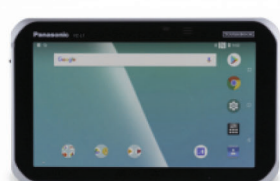
- Qualcomm® Snapdragon Quad-core processor
- Android™ 8.1
- 7" HD enterprise display with Glove and Rain mode
- 2GB RAM and 16GB flash storage
- IP65/67 rated*
- Tested to MIL-STD-810G*

- 1.5 meter drop resistance*
- User replaceable battery with warm swap function
- Full work shift battery life
- Optional 4G Data and Voice capability
- Optional integrated straight shooting 1D/2D barcode reader configurable for landscape mode

* 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

TOUGHBOOK

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FULLY FEATURED 7" TABLET

Availablity as Wi-Fi only for inside workers or with optional voice and data capability for field-based workers, the FZ-L1 is slim and lightweight, weighing in at around 440g, but rugged enough to stand up to business needs. The powerful yet energy efficient device is built on the Qualcomm® Snapdragon mobile platform to ensure long term Android support. A rich ecosystem of management tools and peripherals are also available.

Mobile Computing Platform	Qualcomm® APQ8009 Quad-core processor, 1.1GHz	
Operating system	Android™ 8.1	
Memory & Storage	2GB RAM	
	16GB eMMC	
Display	7" HD (1280 x 720), Aspect ratio 16:9	
	Touchscreen:	10 point multi touch capacitive touchscreen supporting glove and rain mode
	Daylight viewable (up to 350cd/m2)	
	Anti-reflective	
Camera	Rear:	8 MP rear camera with LED light
Expansion Slots	Micro SDXC card slot	x1
Interface	micro USB 2.0:	x1 (For charging and Data transfer)
	Docking connector:	x1
	Headset jack:	x1
	NFC:	Yes (Supports Type A,B and Felica, ISO15693)
	Dedicated GPS:	Yes
Connectivity	Bluetooth®:	Version 4.2 (Class 1)
	WLAN:	Qualcomm® WCN3660B (a/b/g/n/d/h/i/r)
	Voice & Data (optional):	LTE, HSPA+, UMTS, EDGE, GPRS, GSM
Sound	Mono Speaker and internal microphones x2	
Sensors	Acceleration sensors, ambient light sensor	
Power	Battery:	User replaceable Li-ion 3200 mAh with warm swap function
	Battery operating time:	Full Shift Battery life
	Battery charging time:	With Cradle: Full charge in Approx. 2.5 hours (TBD)
		With micro USB port: Full charge in Approx. 4 hours (TBD)
	AC Adapter (available as accessory):	USB charger and USB cable (5V 1.8A)
Buttons:	User configurable scan buttons:	x2 (only with optional barcode reader)
	Power on/off button:	x1
	Volume buttons:	x2
Security technology	Built-in ARM® TrustZone®	
Dimensions (W x H x D)	193mm x 131mm x 13mm (30mm at barcode reader)	
Weight	Approx. 440g (0.97lb) - Wi-Fi and 4G model	
	Approx. 480g (1.06lb) - including barcode reader	
Barcode reader (optional)	Barcode reader with aimer and light, 44 types of 1D/2D barcodes supported	
Accessories (Options)	Cradle (Single):	FZ-VEH1L1AAx
	5-Bay Cradle:	FZ-VEH5L1AAx
	5-Bay Charge Only Cradle:	FZ-VCH5L1AAx
	5-Bay Battery Charger:	FZ-VCBT131x
	USB Charger:	FZ-AAE184Ex
	Adaptor for Cradle:	FZ-VLHL11AAx (Qty:1); FZ-VLHL15AAx (Qty:5)
	Adaptor for Charge Only Cradle:	FZ-VAHL11AAx (Qty:1); FZ-VAHL15AAx (Qty:5)
	Hand Strap:	FZ-VSTL11U
	Holster:	FZ-VSTL14U
	Protective Film:	FZ-VPFL11U (Qty: 10)
	Stylus Pen:	CF-VNP021U
Ruggedisation	MIL-STD-810G certified	
	Gravity drop resistance test:	150cm*
	Dust & Water resistance test:	IP65/IP67*
	Operating temperature:	-10°C + +50°C**
	Storage temperature:	-30°C to +70°C**

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