



Fully Rugged, fanless Android™ 11.0 Tablet with 7.0" Outdoor Display

TOUGHBOOK S1

The TOUGHBOOK S1 - the ultimate rugged Android™ tablet for the truly mobile worker. This 7-inch screen device is easy to use single handed, adaptable for a variety of tasks yet powerful and tough enough to cope with the busiest shift. It's at its best when in the hands of security and police forces patrolling the streets, technicians monitoring production lines, field service engineers carrying out inspections and maintenance or construction workers on site. To ensure the rugged tablet can work as long as any shift, it's equipped with a simple click and switch design for warm swapping batteries. It takes away the need to interrupt work, power down the device or remove fiddly panels to change batteries. With two options of battery size, the device can operate for up to 14 hours on a single charge.

Key Features

Qualcomm® Snapdragon 660 Octa-Core Processor

Android™ 11

7.0" outdoor readable IPS LCD display (up to 500cd/m²), 1280 x 800 (WXGA), glove-enabled capacitive touchscreen

IP65 water and dust resistant, up to 150cm drop resistance**, MIL-STD810H certified**

Up to 8 hours battery life with the supplied standard battery, 14 hours with optional extended battery*

TOUGHBOOK



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<https://oc.connect.panasonic.com/nz/en/products/toughbook/toughbook-s1>

Mobile Computing Platform	Qualcomm® SDM660 Octa-Core Processor
Operating System	Android™ 11
RAM	4GB RAM
Graphic Chip	Qualcomm® Adreno 512 GPU
Storage	64GB eMMC 5.1
LCD	7.0" outdoor readable IPS LCD display (up to 500cd/m ²), 1280 x 800 (WXGA), glove-enabled capacitive touchscreen
Bluetooth™	Version 5.1 Class 1.5
Wireless LAN	IEEE802.11 a/b/g/n/ac/d/h/i/r/k/v/w - 2.4GHz & 5GHz support
Mobile Broadband*	4G LTE, supports 3G - Sierra AirPrime® EM7430
GPS	Integrated (GPS, GLONASS, Galileo, Beidou, QZSS) - CEP50 (±2 to 4m)
Sound	Single Front Speaker up to 94dBA, internal microphone with noise suppression
Security	ARM® TrustZone®
NFC	ISO/IEC 21481 (Type A, Type B), FeliCa, ISO/IEC 15693
Other Sensors	Acceleration, Ambient light, DigiCompass, Gyro
Front Camera	5 megapixel
Rear Camera	13 megapixel with autofocus and LED flash
USB 3.0	x1 (type C)
Micro SD/SDXC Memory Card	x1
Headset	x1
Port Replicator	x1
Dual Antenna Connector*	x1
DC In	via USB Type C
Gadget Port*	Possible Gadgets: Barcode Reader (L), USB-Type A Port.
AC Adapter	Not included
Battery	Lithium-Ion Standard Battery 3200mAh / Extended Battery* 5580mAh
Battery Life	Up to 8 hours*** with standard battery, up to 14 hours*** with extended battery*
Power Management	Warm swap
Dimensions (WxHxD)	193 mm × 131 mm × 22.9 mm without Gadgets
Weight	Approx 506g (WiFi) / 514g (4G)
Drop Resistance	Up to 150cm**
Dust Resistance	IP6x
Water Resistance	IPx5 / IPx7
Operating Temperature	-20°C to 50°C**
Standard Configuration	TOUGHBOOK S1, 4GB RAM, 64GB eMMC storage, standard battery
Included in the box	Operating Instructions and USB Cable
Footnote	*Optional

Tested by an independent third party lab following MIL-STD810H Method 516.8 Procedure IV for transit drop test and Method 501.7 and 502.7 Procedure II for operation temperature test. May differ depending on models and options.*Battery life measurement conditions: Wireless LAN, connection enabled; continuous access to the server while browsing; swipe every 1 second; page change every 20 seconds.

DO NOT STARE INTO BARCODE READER'S BEAM. CLASS 2 LASER PRODUCT