

**Panasonic**  
ideas for life

# THE PANASONIC TOUGHPAD

# A1

FIRST FULLY-RUGGED ANDROID™-POWERED  
TABLET DESIGNED FOR PROFESSIONALS.

Introducing the new Android™-powered Panasonic Toughpad™ A1 - the fearless new business tablet that goes where no tablet has ever gone before. Combining data and device security, seamless connectivity, enterprise-minded technology and a long legacy of rugged and reliable computing, the new Toughpad A1 is the perfect melding of mind and muscle. The tablet features a MIL-STD-810G and IP65 rugged, water and dust-resistant design for the flexibility to work freely in nearly any environment.



10.1" daylight-readable multi touch + digitizer screen



All-weather dust, water and shock-resistant design



Embedded hardware security for FIPS 140-2 compliance



GPS, Wi-Fi, Bluetooth® and 3G mobile broadband for remote access to server and database



IP65

MIL-STD-810G



**TOUGHPAD**

<b>Model No.</b>	<b>FZ-A1B</b>
<b>CPU</b>	• Marvell PXA2128 (Dual Core CPU, 1.2GHz)
<b>Main Memory</b>	• 1 GB*1 (LP-DDR2)
<b>Storage</b>	• 16 GB*2 (Flash memory)
<b>Display Method</b>	• 10.1" TFT Colour LCD 1024 x 768 (XGA) • AR Film, 500nit, aspect ratio 4:3
<b>Pointing Device</b>	• Capacitive multi touch screen and Digitizer
<b>Wireless LAN</b>	• IEEE 802.11a/b/g/n
<b>WWAN*3</b>	• Built-in antenna for 3G
<b>Bluetooth*4</b>	• Version 2.1 + EDR
<b>GPS</b>	• Built-in
<b>Card Slot</b>	• Micro SDHC Memory Card*5 (Max. 32GB) x 1 • SIM card x 1*3
<b>Interface</b>	• USB 2.0 Micro-B connector*6 x 1 • HDMI Micro connector*7 x 1 • Microphone & Headphone Jack • Expansion Bus Connector (Docking connector)
<b>Camera</b>	• Front: 2.0 Mega pixel • Rear: 5.0 Mega pixel with LED flash, auto focus
<b>Sound</b>	• Speaker: Water proof mono speaker • Microphone: Mono microphone with echo cancel
<b>Sensor</b>	• Digital compass, Accelerometer, Ambient light sensor (for auto LCD backlight control)
<b>Power Supply</b>	• AC adaptor or internal battery
<b>AC Adaptor</b>	• Input: 100 V – 240 V AC, 50 GHz / 60 GHz • Output: 12 V DC, 2 A
<b>Battery</b>	• Li-ion 7.4 V, Typ. 4770 mAh / Min. 4590 mAh
<b>Operating Time*8</b>	• Approx. 10 hours
<b>Charging Time*9</b>	• 90% charging time: Approx. 2.5 hours (in sleep mode)
<b>Dimensions (WxHxD)</b>	• 266.3mm x 17.5mm x 212.0mm {10.5" x 0.7" x 8.4"}
<b>Weight</b>	• Approx. 993g (2.19lb.) (non-WWAN model, without pen)
<b>Operating Environment</b>	• Temperature: -10°C to 50°C (IEC60068-2-1, 2)*10 • Humidity: 30 % to 80 % RH (No condensation)
<b>Storage Environment</b>	• Temperature: -20°C to 60°C • Humidity: 30 % to 90 % RH (No condensation)
<b>Operating System*11</b>	• Android™ 4.0 (Ice Cream Sandwich)
<b>Pre-installed Software</b>	• Adobe Reader, AuthenTec QuickSec, Dashboard, Device Management, McAfee Mobile Security (Trial version), Pen Calibration, Google applications*12



## **FZ-A1** *Perfect Bonding of Durability and Mobility*

• Designed using MIL-STD-810G , IP65 test procedures

• Moisture-, water- and dust-resistant magnesium alloy body

• Rugged, dust-resistant hinges, vibration and drop-shock resistant. Passed 120cm, 26 sides free-fall test\*13

\*1 1 GB = 1,073,741,824 bytes. \*2 1 GB = 1,000,000,000 bytes. Your operating system or some application will report as fewer GB. Approx. 3 GB\*1 is used as system area. \*3 Only for model with wireless WAN. \*4 Does not guarantee operation of all Bluetooth peripherals. \*5 This slot is compatible with High-Speed Mode. Operation has been tested and confirmed using Panasonic microSD / microSDHC Memory Cards with a capacity of up to 32 GB. Operation on other SD equipment is not guaranteed. \*6 Does not guarantee operation of all USB-compatible peripherals. \*7 Does not guarantee operation of all HDMI-compatible peripherals. \*8 Measured with LCD brightness: 60 cd/m<sup>2</sup>. Varies depending on the usage conditions, or when an optional device is attached. \*9 Varies depending on the usage conditions, CPU speed, etc. \*10 Do not expose the skin to this product when using the product in a hot or cold environment. Product functions and product life may vary in such condition, check the Operation Instructions for further details. \*11 An OS that has been installed at the time of purchase can be supported. \*12 Depending on the model, some Google applications may be installed. \*13 Carried out in a Panasonic technical research lab (in non-operating condition).