Panasonic

TOUGHPAD FZ-A1

- Only Android™ Tablet with Hardware Encryption and Embedded Enterprise-grade Security and Management

- FIPS 140-2 (Level 2) Certified CPU for Nearly Impenetrable Protection[1]

- 10.1" Daylight-readable Multi Touch + Digitizer

- GPS (SiRFstarIII™), Wi-Fi, Bluetooth® and Optional 4G LTE with Satellite GPS

- MicroSD Card Slot, Micro-USB and Micro HDMI Ports

- 3-year Warranty with Business Class Support

First fully-rugged Android™ tablet designed for professionals.

Introducing the Panasonic Toughpad™ FZ-A1, the fearless 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 FZ-A1 is the perfect melding of mind and muscle. The tablet features a MIL-STD-810G and IP65 certified design for the flexibility to work freely in nearly any environment.

4-FOOT DROP RATING

IP65

MIL-STD-810G

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DURABILITY	■ MIL-STD-810G certified (4' drop, shock, vibration, rain, dust, sand, altitude, freeze/thaw, high/low temperature, temperature shock, humidity, explosive atmosphere) ■ IP65 certified sealed all-weather design ■ Magnesium alloy chassis encased with ABS and elastomer corner guards ■ Port covers ■ Raised bezel for LCD impact protection ■ Pre-installed replaceable screen film for LCD protection
SOFTWARE	■ Android™ 4.0 (Ice Cream Sandwich) ■ Calendar, Clock, Gallery, QuickSearchBox, Google Play™, Gmail™, Calendar Sync, Contacts Sync, Google Maps™, Google+™, Google Talk™, Google Voice Search™, YouTube™, AuthenTec™ QuickSec, Over-the-Air Update Client, McAfee Security (Trial), Adobe Reader ■ Panasonic Utilities (Dashboard, User Button Manager, Device Management, Pen Calibration, Hardware Diagnostics, Online Manual)
LANGUAGES	■ Android OS supports 58 language and locale combinations. Refer to http://developer.android.com/sdk/android-4.0.html#locs
CPU	■ Marvell® Armada PXA2128 1.2GHz Dual-Core Processor – Embedded hardware security processor – FIPS 140-2 (Level 2) certified[1]
STORAGE & MEMORY	■ 1GB RAM[2,3] ■ 16GB flash[2] – Up to 32GB additional with microSD card
DISPLAY	■ 10.1" XGA LED 1024 x 768 ■ Capacitive multi touch + digitizer daylight-readable screen – 500 nit – Direct bonding technology – Anti-reflective and anti-glare screen treatments – Ambient light, accelerometer and digital compass sensors – Automatic screen rotation
AUDIO	■ Integrated microphone ■ Integrated speaker ■ On-screen volume and mute controls
KEYBOARD & INPUT	■ Multi touch + digitizer screen – Supports bare hand touch and gestures and electronic stylus pen ■ 5 tablet buttons (Power, Back, Home, Menu, Dashboard) ■ Integrated stylus holder ■ On-screen QWERTY keyboard
CAMERAS	■ 2MP webcam with mic ■ 5MP rear camera with auto focus and LED light
EXPANSION SLOTS	■ MicroSD
INTERFACE	■ Docking connector — 9-pin ■ Micro-USB 2.0 — 4-pin ■ Micro HDMI — Type C ■ Headphones/speaker — Mini-jack stereo
WIRELESS	■ Optional integrated 4G LTE mobile broadband with satellite GPS ■ GPS (SiRFstarIII™) ■ Wi-Fi 802.11a/b/g/n ■ Wi-Fi hotspot router (up to 5 devices)[4] ■ Bluetooth® v2.1 + EDR (Class 2)
POWER SUPPLY	■ Li-Ion battery pack (7.4V, typical 4770mAh, minimum 4590mAh) ■ Battery operation: 10 hours[5] ■ Battery 90% charging time: 3 hours on, 2.5 hours in sleep mode[5] ■ AC Adapter: AC 100V–240V 50/60Hz
POWER MANAGEMENT	■ Sleep Mode
SECURITY FEATURES	■ Embedded security processor for hardware encryption, trusted boot, root protection, FIPS 140-2 (Level 2), AuthenTec™ QuickSec VPN, anti-virus protection (trial version), support for RSA token authentication with 3rd party Cisco application, network proxy settings, password security (PIN, pattern, password), Kensington cable lock slot

WARRANTY
■ 3-year limited warranty, parts and labor

DIMENSIONS & WEIGHT[6]
■ 10.5"(L) x 8.4"(W) x 0.7"(H)
■ 2.1 lbs.

INTEGRATED OPTIONS[7]
■ 4G LTE mobile broadband with satellite GPS

ACCESSORIES[7]
■ AC Adapter (3-prong)	FZ-AA2202BM
■ LIND Car Adapter	PA1220-3618
■ LIND Shutdown Timer	CF-LINDLPT
■ ToughMate A1 "X" Strap and Shoulder Strap	TBCA1XSTP-P
■ ToughMate A1 Rotating Hand Strap with Shoulder Strap	TBCA1HDSTP-P
■ ToughMate A1 Always-on Case	TBCA1AONL-P
■ ToughMate A1 Professional Portfolio	TBCA1PFLIO-BLK-P
■ ToughMate A1 Neoprene Sleeve	TBCA1SLVNP-P
■ Havis Docking Station:	
– Cradle with (2) USB, (1) Ethernet, (1) Power	DS-PAN-501-P
– Cradle with (2) USB, (1) Ethernet, (1) Power, (1) AC Adapter	DS-PAN-502-P
– Cradle Only—No Charging or Communication	DS-PAN-503
■ Havis Desktop Stand	DS-DA-218-P
■ Barcode Reader Attachment	FZ-A1-BCR
■ Barcode and Magstripe Readers Attachment	FZ-A1-BCR-MSR
■ Replacement Stylus	FZ-VNP001U
■ Tether	FZ-VNT001U
■ 10.1" LCD Protector Film	FZ-VPF001U

Please consult your reseller or Panasonic representative before purchasing.
Caution: Do not expose bare skin to this product when handling this unit in extreme hot or cold environments.
[1]Panasonic has taken all steps available to secure the tablet for FIPS 140-2 (Level 2) Compliance. Panasonic is not responsible for any such security breaches caused by malicious attacks or improper feature implementation.
[2]1GB = 1,000,000,000 bytes.
[3]Total usable memory will be less depending upon actual system configuration.
[4]Only available when equipped with mobile broadband.
[5]Battery performance features such as charge time and life span vary based on the conditions under which the computer and battery are used. Battery operation and recharge times will vary based on many factors, including brightness, applications, features, power management, battery conditioning and other customer preferences. Battery life with LCD brightness: 60 nit, Wi-Fi on while running a YouTube video.
[6]Length measurements do not include protrusions. Weight varies with options and digitizer pen.
[7]Accessories and Integrated Options may vary depending on your configuration. Visit Panasonic website for more accessories and details.

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