Panasonic

TOUGHPAD FZ-B2

- MIL-STD-810G, 5' Drop and All-weather IP65 Dust and Water-resistant Design
- User-replaceable Battery, Optional Bridge Battery and Optional Long Life Battery
- USB 3.0, Optional SmartCard, Magnetic Stripe Reader, Wired LAN, USB Type-C, ANSI rated and Barcode Reader[1,2]
- Wi-Fi with GPS, Bluetooth® and Optional 4G LTE Mobile Broadband with Satellite GPS
- 3-year Warranty with Business Class Support

5-FOOT DROP RATING

IP65

MIL-STD-810G

THE MOST POWERFUL FULLY RUGGED 7" HIGH PERFORMANCE INTEL®-BASED ANDROID™ TABLET BUILT FOR ENTERPRISE.

The Panasonic Toughpad® FZ-B2 is a rugged 7" tablet powered by Android™ for field-based workforces. With durability, power and a range of configurability options—at a price within reach of any business—the Toughpad FZ-B2 tablet is an ideal tool for field service professionals. Offering enterprise-grade features including a quick-charging, user-replaceable full-shift battery, the thin and lightweight Toughpad FZ-B2 tablet has a fully rugged and sealed design built for long-lasting durability even when used in harsh environments.

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TOUGHPAD®

TOUGHPAD FZ-B2

SOFTWARE
- Android 6.0.1 (Marshmallow)[3]
- Panasonic Utilities (including Dashboard)

DURABILITY
- MIL-STD-810G design (5' drop, shock, vibration, rain, dust, sand, altitude, freeze/thaw, high/low temperature, temperature shock, humidity, explosive atmosphere)*
- IP65 certified sealed all-weather fanless design
- Magnesium alloy chassis encased with ABS and elastomer corner guards
- Hand strap or optional rotating hand strap
- Port covers
- Raised bezel for LCD impact protection
- Pre-installed replaceable screen film for LCD protection

CPU
- Intel® Atom™ x5-Z8550 Processor (1.44 GHz up to 2.4 GHz)
  - 2MB cache

STORAGE & MEMORY
- 2GB SDRAM[4]
- 32GB eMMC[5]
- Up to 32GB total storage available with optional microSDHC card[6]

DISPLAY
- 7" WXGA 1280 x 800 65536/16,777,216 colors LED backlighting[7]
- 10 finger multi touch (2 finger in rain sensing mode) daylight-readable screen
  - 500 nit
  - Display with direct bonding
  - Anti-reflective screen treatment
  - Automatic screen rotation

SENSORS
- Ambient light
- Digital compass
- Gyro
- Acceleration

AUDIO
- Integrated dual microphone
- Integrated monaural speaker
- On-screen and button volume controls

KEYBOARD & INPUT
- 10-point multi touch (2 point in water sensing mode)
  - Supports gloved touch and gestures
- 6 tablet buttons (2 user-definable)
- Passive stylus pen with integrated holder in rotating hand strap
- On-screen QWERTY keyboard

CAMERAS
- 720p webcam with mic
- 8MP rear camera with auto focus and LED light

EXPANSION
- MicroSDHC

INTERFACE
- Docking connector — 24-pin
- Headphones/speaker — Mini-jack stereo
- USB 3.0[8] (x 1) and stand-alone USB Type-C[16] configuration available or Wired LAN — 4-pin
- Optional SIM card slot (x 1)

WIRELESS
- Optional integrated 4G LTE mobile broadband with satellite GPS[9]
- Intel® Dual Band Wireless AC8260 Wi-Fi 802.11a/b/g/n/ac
- Bluetooth® v4.2 (Class 1) + EDR
- Security
  - Authentication: LEAP, WPA, 802.1x, EAP-TLS, EAP-FAST, PEAP
  - Encryption: CKIP, TKIP, 128-bit and 64-bit WEP, Hardware AES
- Optional dual high-gain antenna pass-through

POWER SUPPLY
- Li-Ion battery pack:
  - Standard battery: 7.2V, typical 3220mAh, minimum 3050mAh
  - Long life battery: 7.2V, typical 7100mAh, minimum 6800mAh
- Battery operation:[10]
  - Standard battery: 8 hours
  - Optional long life battery: 16 hours
  - Bridge battery: Approx. 60 seconds
- Battery charging time:[11]
  - Standard battery: 2.5 hours off, 4 hours on
  - Optional long life battery: 4.5 hours off, 6.5 hours on

POWER MANAGEMENT
- Suspend/Resume function, standby

SECURITY FEATURES
- Kensington cable lock slot
- Optional insertable SmartCard reader[1]
- Security suite: encryption, screen lock, verification boot, secure boot
- Mobile device management supported by industry leading providers

WARRANTY
- 3-year limited warranty, parts and labor

DIMENSIONS & WEIGHT
- 7.98"(L) x 5.20"(W) x 0.71"(H)[12]
- 1.2 lbs.[13]

INTEGRATED OPTIONS[14]
- 4G LTE mobile broadband with satellite GPS or Wi-Fi with stand-alone GPS available in all the below configurations
- Stand-alone USB 3.1 Type-C with On-The-Go support (no bridge battery or options)[16]
- Dual high-gain antenna pass-through for WWAN and GPS optional with all below configurations[9]
- Bridge battery optional with all below configurations
- Configuration area #1 (Choose one)
  - 1D/2D barcode reader (EA30)[2]
  - Wired LAN[2]
- Configuration area #2 (Choose one)
  - SmartCard reader[1]
  - Magnetic stripe reader[1]

ACCESSORIES[14]

AC Adapter (3-prong)[15]	CF-AA6373AM
Standard battery (2 cell)	FZ-VZSU94W
Extended life battery (4 cell)	FZ-VZSU95W
4-bay battery Charger	FZ-VCBM11U
Standard hand strap with stylus holder and tether	FZ-VSTM11U
Rotating hand strap with stylus holder and tether	FZ-VSTM12U
Hand strap for mag stripe reader	FZ-VSTM13U
Shoulder strap	FZ-VNSM12U
Toughmate B2 always-on case	TBCM1AO-P
Toughmate B2 portfolio	TBCM1PFLIO-BLK-P
Toughmate B2 holster	TBCM1HSTR-P
Toughmate arm strap	TBCARMSTP-P
Toughmate B2 shoulder strap and case	TBCM1SSTP-P
Toughmate kneeboard/leg straps	TBCKNEESTP-P
Replacement passive stylus	FZ-VNPM11U
Replacement tether	CF-VNT002U
Replacement protection film	FZ-VPFM13U
1-bay lite-function desktop cradle	FZ-VEBM11AU
– Gamber-Johnson lite vehical port replicator (no pass-through)	7160-0531-00-P
– Gamber-Johnson lite vehical port replicator (with dual pass-through)	7160-0531-02-P

Please consult your reseller or Panasonic representative before purchasing.

* Caution: Do not expose the skin to this product when using the product in a hot or cold environment. When using in hot or cold environment, some peripherals may fail to work properly. Check the operation environment of the peripherals. When using in low temperature environment, startup may become slow or battery operation time may become short. The computer consumes power when the hard disk is warming up during startup. Therefore, if you are using battery power and the remaining power is low, the computer may not start up.

1 Exclusively configurable by selecting one from SmartCard reader or magstripe reader.
2 Exclusively configurable by selecting one from Stand-alone USB Type C, wired LAN port or barcode reader.
3 Operations of this computer are not guaranteed except for the pre-installed OS.
4 1MB = 1,048,576 bytes/1GB = 1,073,741,824 bytes
5 1MB = 1,000,000 bytes /1GB = 1,000,000,000 bytes. Your operating system or some application software will report as fewer GB.
6 Operation has been tested and confirmed using Panasonic microSD Memory Card with a capacity of up to 2 GB and Panasonic microSDHC Memory Card with a capacity of up to 32 GB.
7 A 16,777,216 color display is achieved by using the dithering function.
8 Does not guarantee operation of all USB-compatible peripherals.
9 Only for model with Wireless WAN. The specifications may differ depending on the models.
10 Approx. 0.5 W when the battery pack is fully charged (or not being charged) and the computer is OFF. Even when the AC adaptor is not connected to the computer, power is consumed (Max. 0.3 W) simply by having the AC adaptor plugged into an AC outlet.
11 Varies depending on the usage conditions.
12 May differ depending on models and options.
13 Average value. May differ depending on models and options.
14 Accessories and Integrated Options may vary depending on your configuration. Visit Panasonic website for more accessories and details.
15 The AC adapter is compatible with power sources up to 240V AC.
16 USB Type-C of this model does not support USB PD, Display Port, or Thunderbolt.

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