



TOUGHPAD FZ-E1

- Windows Operating System
- Qualcomm® Quad-core Processor
- MIL-STD-810G, 10' Drop, All-weather IP65 and IP68 Dust and Water-resistant design
- 14-hour Hot-swappable Battery
- Integrated Barcode Reader, Optional Magstripe Reader and Certified ANSI 12.12.01 for Hazardous Locations
- Glove-enabled Multi Touch Daylight-readable Display
- 3 Year Warranty with Business Class Support

10-FOOT
DROP RATING

IP65

IP68

MIL-STD-
810G

ONE OF THE WORLD'S MOST RUGGED 5" HANDHELD TABLET.

The new Panasonic Toughpad FZ-E1 is one of the world's most rugged 5" handheld tablet. This fully-rugged tablet is MIL-STD-810 and IP65/68 tested with a 10' drop resistance, operating temperature of -4°F to 140°F and a glove-enabled multi touch daylight-readable display. The Toughpad FZ-E1 boasts one of the world's longest battery life for a handheld tablet. The battery quickly charges to 50% in just one hour, and is hot-swappable. Integrated options include barcode reader, magstripe reader and certified ANSI 12.12.01 for hazardous locations.

TOUGHPAD FZ-E1

SOFTWARE	<ul style="list-style-type: none"> Windows Embedded 8.1 Handheld 						
DURABILITY	<ul style="list-style-type: none"> MIL-STD-810G (shock, vibration, rain, dust, sand, altitude, freeze/thaw, high/low temperature, temperature shock, humidity, explosive atmosphere) IP65 and IP68 sealed all-weather design (submersible up to 5' for 30 minutes) 10' drop-resistant Operating temperature of -4°F to 140°F Port covers Raised bezel for LCD impact protection 						
CPU	<ul style="list-style-type: none"> Qualcomm® MSM8974AB 2.3GHz Quad Core 						
STORAGE & MEMORY	<ul style="list-style-type: none"> Memory 2GB^{1,2} Storage 32GB^{1,2} <ul style="list-style-type: none"> Up to 64GB additional with optional microSDXC card³ 						
DISPLAY	<ul style="list-style-type: none"> 5" high definition 1280 x 720 daylight-viewable display 10-point capacitive gloved multi touch with glove touch mode <ul style="list-style-type: none"> Rain sensing touch mode 2-500 nit VA display with direct bonding Anti-reflective and anti-glare screen treatments Automatic screen rotation 						
AUDIO	<ul style="list-style-type: none"> Integrated microphone x 3 Loud volume twin speakers up to 100 db 						
KEYBOARD & INPUT	<ul style="list-style-type: none"> 10-point gloved multi touch + digitizer screen 2-4 tablet buttons (user-definable) On-screen QWERTY keyboard 						
SENSORS	<ul style="list-style-type: none"> Ambient light sensor, digital compass, gyro and acceleration sensors 						
CAMERAS	<ul style="list-style-type: none"> HD 1.3MP webcam 8MP rear camera with LED light 						
EXPANSION	<ul style="list-style-type: none"> microSDXC 						
INTERFACE	<table border="0"> <tr> <td>■ Docking connector</td> <td>13-pin</td> </tr> <tr> <td>■ USB 2.0 (x 1)⁴</td> <td>4-pin</td> </tr> <tr> <td>■ Headphone & microphone</td> <td>Mini-jack stereo</td> </tr> </table>	■ Docking connector	13-pin	■ USB 2.0 (x 1) ⁴	4-pin	■ Headphone & microphone	Mini-jack stereo
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WIRELESS	<ul style="list-style-type: none"> IEEE802.11 a/b/g/n/ac Micro SIM card slot x 2 Bluetooth® v4.0 (class 1) GPS 2m CEP50 (±2 to 4m) Near Field Communication (NFC) <ul style="list-style-type: none"> Felica Type A, Type B 						
POWER SUPPLY⁵	<ul style="list-style-type: none"> Li-ion 3.8V, 6,200 mAh Battery operation: <ul style="list-style-type: none"> Standby up to 1000 hours; Talk up to 23 hours; Barcode up to 20.5 hours Battery operation: <ul style="list-style-type: none"> 30 seconds to 2 minutes Continuous use data: <ul style="list-style-type: none"> 14 hours Battery charging time: <ul style="list-style-type: none"> Power on approx. 3.6 hours; 50% charge in approx. 1 hour AC adapter sold separately 						
POWER MANAGEMENT	<ul style="list-style-type: none"> Consumption approx. 18W Hot-swappable battery 						
SECURITY FEATURES	<ul style="list-style-type: none"> FIPS140-2 level-1 compliant ARM® TrustZone® (Built-in) 						
WARRANTY	<ul style="list-style-type: none"> 3-year limited warranty, parts and labor 						
DIMENSIONS & WEIGHT⁶	<ul style="list-style-type: none"> 6.5" (L) x 3.4" (W) x 1.2" (H) Approx. 0.94 lb. 						

INTEGRATED OPTIONS⁷

- 1D/2D barcode reader (Standard on all models)
- Optional magnetic stripe reader with hand strap and stylus
- Certified ANSI 12.12.01 for hazardous locations

ACCESSORIES

■ AC Adapter (60W) for Device and Desktop Cradle ⁸ (sold separately from device, included with cradle)	CFAA6373AM
■ AC Adapter (110W) for 4-Bay Cradle and 4-Bay Battery Charger (included with both cradles)	CFAA5713AM
■ Car/DC Adapter	CFAAV1601AW
■ 4-Bay Battery Charger (110W power adapter included)	FZVCBX111M
■ Hand Strap with Stylus Bundle (corner rings included)	FZBHDST112
■ Battery Pack	FZVZSUX100J

Please consult your reseller or Panasonic representative before purchasing.

¹ 1GB = 1,000,000,000 bytes.

² Total usable memory will be less depending upon actual system configuration.

³ Operation has been tested and confirmed using Panasonic SD Memory Card with a capacity of up to 2GB, Panasonic SDHC Memory Card with a capacity of up to 32GB, and Panasonic SDXC Memory Card with a capacity of up to 64GB. Operation on other SD equipment is not guaranteed.

⁴ Does not guarantee operation of all USB-compatible peripherals.

⁵ Approximate time. Battery performance features such as charge time and life span can vary according to the conditions under which the computer and battery are used. Battery operation and recharge times will vary based on many factors, including screen brightness, applications, features, power management, battery conditioning and other customer preferences. 14 hours based on Panasonic test conditions. Talk time may change according to cellular network condition. Measured with VOIP application. Voice and data coming 2016.

⁶ Length measurements do not include protrusions. Weight varies with options.

⁷ Accessories and Integrated Options may vary depending on your configuration. Visit Panasonic website for more accessories and details.

⁸ The AC adapter is compatible with power sources up to 240V AC adapter. The AC adapter is sold separately.



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