



## TOUGHPAD FZ-A2

- MIL-STD-810G, 5' Drop and IP65 Dust and Water-resistant Design
- User-replaceable Battery, Bridge Battery Standard
- Standard USB 3.0, USB 3.1 Type-C and HDMI output
- Optional Additional USB 2.0, Barcode Reader, SmartCard and Dual Pass Through Antenna<sup>1</sup>
- 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 10.1" HIGH PERFORMANCE INTEL®-BASED ANDROID™ TABLET BUILT FOR ENTERPRISE.

The Panasonic Toughpad® FZ-A2 is a rugged 10.1" tablet powered by Android™ for field-based workforces. With durability, power and a range of configurable options—at a price within reach of any business—the Toughpad FZ-A2 tablet is an ideal tool for service professionals. Offering enterprise-grade features including a quick-charging, user-replaceable full-shift battery, the thin and lightweight Toughpad FZ-A2 is a fully rugged tablet built for durability with a sunlight viewable display for use outdoors.

# TOUGHPAD FZ-A2

<b>SOFTWARE</b>	<ul style="list-style-type: none"> <li>Android 6.0.1 (Marshmallow)<sup>1</sup></li> <li>Panasonic Utilities (including Dashboard)</li> </ul>
<b>DURABILITY</b>	<ul style="list-style-type: none"> <li>MIL-STD-810G design (5* drop, shock, vibration, rain, dust, sand, altitude, freeze/thaw, high/low temperature, temperature shock, humidity, explosive atmosphere)<sup>4</sup></li> <li>IP65 certified sealed all-weather fanless design</li> <li>Magnesium alloy chassis encased with ABS corner guards</li> <li>Hand strap or optional rotating hand strap</li> <li>Port covers</li> <li>Pre-installed replaceable screen film for LCD protection</li> </ul>
<b>CPU</b>	<ul style="list-style-type: none"> <li>Intel® Atom™ x5-Z8550 Processor (1.44 GHz up to 2.4 GHz) – 2MB cache</li> </ul>
<b>STORAGE &amp; MEMORY</b>	<ul style="list-style-type: none"> <li>4GB SDRAM<sup>3</sup></li> <li>32GB eMMC<sup>3</sup></li> <li>Up to 32GB total storage available with optional microSDHC card<sup>5</sup></li> </ul>
<b>DISPLAY</b>	<ul style="list-style-type: none"> <li>10.1" WUXGA 1920x1200 LED backlighting</li> <li>10 finger multi touch (2 finger in rain sensing mode) daylight-readable screen – 800 nit             <ul style="list-style-type: none"> <li>Display with direct bonding</li> <li>Anti-reflective screen treatment</li> <li>Automatic screen rotation</li> </ul> </li> </ul>
<b>SENSORS</b>	<ul style="list-style-type: none"> <li>Ambient light</li> <li>Digital compass</li> <li>Gyro</li> <li>Acceleration</li> </ul>
<b>AUDIO</b>	<ul style="list-style-type: none"> <li>Integrated dual microphone</li> <li>Integrated monaural speaker</li> <li>On-screen and button volume controls</li> </ul>
<b>KEYBOARD &amp; INPUT</b>	<ul style="list-style-type: none"> <li>10-point multi touch (2 point in water-sensing mode)             <ul style="list-style-type: none"> <li>Supports gloved touch and gestures</li> </ul> </li> <li>6 tablet buttons (3 user-definable)</li> <li>Passive stylus pen with integrated holder on the right edge of the tablet</li> <li>On-screen QWERTY keyboard</li> </ul>
<b>CAMERAS</b>	<ul style="list-style-type: none"> <li>2MP front camera</li> <li>8MP rear camera with auto focus and LED light</li> </ul>
<b>EXPANSION</b>	<ul style="list-style-type: none"> <li>MicroSDHC</li> </ul>
<b>INTERFACE</b>	<ul style="list-style-type: none"> <li>Docking connector 25-pin</li> <li>Headphones/speaker Mini-jack stereo</li> <li>USB 3.0<sup>6</sup> x1, (optional USB 2.0) and stand-alone USB 3.1 Type-C<sup>14</sup></li> <li>Optional SIM card slot (x1)</li> <li>Standard full size HDMI output</li> </ul>
<b>WIRELESS</b>	<ul style="list-style-type: none"> <li>Optional integrated 4G LTE mobile broadband with satellite GPS<sup>7</sup></li> <li>Intel® Dual Band Wireless AC8260 Wi-Fi 802.11a/b/g/n/ac</li> <li>Bluetooth® v4.2 (Class 1) + EDR</li> <li>Security             <ul style="list-style-type: none"> <li>Authentication: WPA, 802.1x, EAP-TLS, PEAP</li> <li>Encryption: CKIP, TKIP, 128-bit and 64-bit WEP, Hardware AES</li> </ul> </li> <li>Optional dual high-gain antenna pass-through</li> </ul>
<b>POWER SUPPLY</b>	<ul style="list-style-type: none"> <li>Li-Ion battery pack; 11.4V, typical 2720mAh, minimum 2600mAh</li> <li>Battery operation: 9 hours<sup>8</sup> <ul style="list-style-type: none"> <li>Bridge battery: Approx. 60 seconds</li> </ul> </li> <li>Battery charging time<sup>9</sup> <ul style="list-style-type: none"> <li>Standard battery: 2.5 hours off, 2.5 hours on</li> </ul> </li> </ul>
<b>POWER MANAGEMENT</b>	<ul style="list-style-type: none"> <li>Suspend/Resume function, standby</li> </ul>
<b>SECURITY FEATURES</b>	<ul style="list-style-type: none"> <li>Kensington cable lock slot</li> <li>Optional insertable SmartCard reader</li> <li>Security suite: encryption, screen lock, verification boot, secure boot</li> <li>Mobile device management supported by industry leading providers</li> </ul>
<b>WARRANTY</b>	<ul style="list-style-type: none"> <li>3-year limited warranty, parts and labor</li> </ul>
<b>DIMENSIONS &amp; WEIGHT</b>	<ul style="list-style-type: none"> <li>10.71" [L] x 7.72" [W] x 0.65" [H]<sup>10</sup></li> <li>1.94 lbs<sup>11</sup></li> </ul>
<b>INTEGRATED OPTIONS<sup>12</sup></b>	<ul style="list-style-type: none"> <li>4G LTE mobile broadband with satellite GPS or Wi-Fi with stand-alone GPS available in all configurations</li> <li>Dual high-gain antenna pass-through for WWAN and GPS optional</li> <li>Configuration area #1 [Choose one]             <ul style="list-style-type: none"> <li>1D/2D barcode reader [N66803]<sup>13</sup></li> <li>Secondary USB A 2.0<sup>14</sup></li> </ul> </li> <li>Configuration area #2             <ul style="list-style-type: none"> <li>SmartCard reader</li> </ul> </li> </ul>

## ACCESSORIES<sup>17</sup>

<ul style="list-style-type: none"> <li>AC Adapter (3-prong)<sup>15</sup></li> <li>Standard battery</li> <li>4-Bay Battery Charger</li> </ul>	<ul style="list-style-type: none"> <li>CF-AA6413CM with AC cord</li> <li>CF-VZS00QW</li> <li>CF-VCB201M includes CF-AA5713A (110W) power supply and AC cord</li> <li>FZ-VEBA21U</li> </ul>
<ul style="list-style-type: none"> <li>1-bay desktop cradle</li> <li>Slim vehicle dock (dual pass) for FZ-A2 and CF-20 tablet only. Not compatible with hand strap or any integrated option that is not flush. Keyed alike.</li> <li>Slim vehicle dock (no pass) for FZ-A2 and CF-20 tablet only. Not compatible with hand strap or any integrated option that is not flush. Keyed alike.</li> <li>Slim vehicle cradle (no electronics) for FZ-A2 and CF-20 tablet only. Not compatible with hand strap or any integrated option that is not flush. Keyed alike.</li> <li>Extended vehicle dock (dual pass) for FZ-A2 and CF-20 tablet only. Compatible with hand strap and any integrated option. Keyed alike.</li> <li>Extended vehicle dock (no pass) for FZ-A2 and CF-20 tablet only. Compatible with hand strap and any integrated option. Keyed alike.</li> <li>Extended vehicle cradle (no electronics) for FZ-A2 and CF-20 tablet only. Compatible with hand strap and any integrated option. Keyed alike.</li> <li>LIND DC/DC Car Charger 80W 12-32 Volt input</li> <li>LIND AC/DC/DC with USB Car/Air Charger 90W 12-16 Volt or AC input</li> <li>LIND DC/DC Mil-Spec Charger 90W 12-32 Volt input</li> <li>LIND DC/DC Isolated Forklift Charger 20-60 VDC input</li> <li>Toughmate FZ-A2 Mobility Bundle</li> <li>Toughmate FZ-A2 Always-On Case</li> <li>Toughmate FZ-A2 Enhanced Rotating Hand Strap</li> <li>Rotating Hand Strap</li> <li>Multi-Touch IP55 Stylus</li> <li>Tether</li> <li>10.1" LCD Protector Film</li> </ul>	<ul style="list-style-type: none"> <li>GJ-A2-TVD2-S</li> <li>GJ-A2-TVD0-S</li> <li>GJ-A2-TVC-S</li> <li>GJ-A2-TVD2-X</li> <li>GJ-A2-TVD0-X</li> <li>GJ-A2-TVC-X</li> <li>CF-LNDDC80</li> <li>CF-LNDACDC90</li> <li>CF-LNDMLDC90</li> <li>CF-LNDDC80I</li> <li>TBC20M8BBL-P</li> <li>TBCA2A0NL-P</li> <li>TBC20H0STIP-P</li> <li>CF-VST2011U</li> <li>CF-VNP022U</li> <li>CF-VNT002U</li> <li>CF-VPF31U</li> </ul>

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 warming up during startup. Therefore, if you are using battery power and the remaining power is low, the computer may not start up.

<sup>1</sup> Exclusively configurable by selecting one from Barcode reader or Secondary USB A 2.0.

<sup>2</sup> Operations of this computer are not guaranteed except for the pre-installed OS.

<sup>3</sup> 1MB = 1,048,576 bytes/1GB = 1,073,741,824 bytes

<sup>4</sup> 1MB = 1,000,000 bytes/1GB = 1,000,000,000 bytes. Your operating system or some application software will report as fewer GB.

<sup>5</sup> 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.

<sup>6</sup> Does not guarantee operation of all USB-compatible peripherals.

<sup>7</sup> Only for model with Wireless WAN. The specifications may differ depending on the models.

<sup>8</sup> Approx. 0.5 Wh 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.

<sup>9</sup> Varies depending on the usage conditions.

<sup>10</sup> May differ depending on models and options.

<sup>11</sup> Average value. May differ depending on models and options.

<sup>12</sup> Accessories and Integrated Options may vary depending on your configuration. Visit Panasonic website for more accessories and details.

<sup>13</sup> The AC adapter is compatible with power sources up to 240V AC.

<sup>14</sup> USB Type-C of this model does not support USB PD, Display Port, or Thunderbolt.



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