



## TOUGHBOOK A3

- TOUGHBOOK A3's eco-system of software, services and partners powered by productivity+
- Optional 1D/2D barcode reader, Insertable SmartCard or 2nd USB Type-A
- Five user-defined buttons from maximum user functionality
- Dual hot swap battery design
- Certified to latest MIL-STD-810H standards
- FirstNet Ready™ and supports Band 14 connectivity
- 3 Year limited warranty, parts and labor

MIL-STD-810H

IP65

6-FOOT DROP RATING

### OUR MOST POWERFUL ANDROID TABLET OFFERING YET. FEATURING LONG-LIFE SUPPORT FOR MISSION-CRITICAL ENTERPRISE APPLICATIONS.

The Panasonic TOUGHBOOK A3 is a rugged Android™ 10.1" tablet that is the latest addition to our rugged lineup. The TOUGHBOOK A3 has a powerful octa-core processor, supports 4G LTE and FirstNet® connectivity and an insertable stylus. The tablet has the flexibility to be used in all markets including warehousing, logistics and transportation. Equipped with an optional integrated barcode reader and insertable smart card reader the TOUGHBOOK A3 is also ideal for enterprise retail and federal markets. The TOUGHBOOK A3 also features a 10.1" outdoor-viewable display with rain and glove touch functionality making this tablet the choice for outdoor workers everywhere. Featuring a 6 foot drop rating and IP65 certification for dust and water resistance the TOUGHBOOK A3 is purpose built to get more out your day.

# TOUGHBOOK A3

<b>DURABILITY</b>	<ul style="list-style-type: none"> <li>MIL-STD-810H certified<sup>16</sup></li> <li>IP65 dust and water resistant</li> <li>6' drop-resistant and tumble tested (500 tumbles, 3.3ft. 5 rpm)</li> </ul>
<b>SOFTWARE</b>	<ul style="list-style-type: none"> <li>Android 9.0 (Pie)<sup>17</sup></li> </ul>
<b>CPU</b>	<ul style="list-style-type: none"> <li>Qualcomm® SDM660 2.2GHz/1.843GHz Octa-core</li> </ul>
<b>STORAGE &amp; MEMORY</b>	<ul style="list-style-type: none"> <li>Memory: 4GB (LPDDR4)<sup>1</sup></li> <li>Storage eMMC: 64GB<sup>1</sup> <ul style="list-style-type: none"> <li>Additional storage available with optional Storage Card: SD (up to 2 GB), SDHC (up to 32 GB), SDXC (up to 64 GB)<sup>2</sup></li> </ul> </li> </ul>
<b>DISPLAY</b>	<ul style="list-style-type: none"> <li>10.1" WUXGA 1920 x 1200</li> <li>10-point capacitive multi touch with rain sensing and glove touch modes           <ul style="list-style-type: none"> <li>Display with direct bonding</li> <li>Automatic screen rotation</li> <li>Anti-reflective (AR) screen treatment</li> <li>500nit typical (800nit max)</li> </ul> </li> </ul>
<b>AUDIO</b>	<ul style="list-style-type: none"> <li>Integrated microphone</li> <li>Loud Speaker 94dBA</li> </ul>
<b>KEYBOARD &amp; INPUT</b>	<ul style="list-style-type: none"> <li>10-point gloved multi touch</li> <li>5 user definable buttons</li> <li>On-screen QWERTY keyboard</li> </ul>
<b>SENSORS</b>	<ul style="list-style-type: none"> <li>Ambient light / Proximity / Digital Compass / Gyro / Acceleration</li> </ul>
<b>CAMERAS</b>	<ul style="list-style-type: none"> <li>8MP rear camera with LED flash</li> <li>5MP front facing camera</li> </ul>
<b>EXPANSION</b>	<ul style="list-style-type: none"> <li>microSDXC (up to 64 GB)<sup>2</sup></li> </ul>
<b>INTERFACE</b>	<ul style="list-style-type: none"> <li>Docking connector</li> <li>USB 3.0 Type-C® host<sup>3</sup> (OTG, BC1.2)</li> <li>USB Type-A host</li> <li>Mini-jack stereo headphone &amp; microphone</li> </ul>
<b>WIRELESS</b>	<ul style="list-style-type: none"> <li>Qualcomm® WCN3990 IEEE802.11 a/b/g/n/ac/d/h/i/r/k/v/w with MIMO</li> <li>Optional Sierra Wireless AirPrime® EM7511 – 4G LTE and HSPA+</li> <li>Certified with Verizon, AT&amp;T and FirstNet™</li> <li>Nano SIM card slot (x2)</li> <li>Bluetooth® V5.0 Class1</li> <li>GPS GPS/GLONASS/Galileo/Beidou/QZSS</li> <li>Near Field Communication (NFC) – Type A, Type B, FeliCa</li> </ul>
<b>POWER SUPPLY<sup>4,5,6,7,8,9,10,11</sup></b>	<ul style="list-style-type: none"> <li>Dual standard batteries: Li-Ion 3.8V, 3,200mAh</li> <li>Dual standard battery operation           <ul style="list-style-type: none"> <li>Approx. 9 hours based on standard enterprise user profile<sup>9</sup></li> </ul> </li> <li>Hot Swap with clock backup</li> <li>Standard battery charging time:           <ul style="list-style-type: none"> <li>Power on or off approx. 4 hours<sup>4</sup></li> </ul> </li> <li>Available with dual extended life batteries:           <ul style="list-style-type: none"> <li>Li-Ion 3.8V, 5,580mAh</li> </ul> </li> <li>Dual extended battery operation           <ul style="list-style-type: none"> <li>Approx. 15.5 hours based on standard enterprise user profile<sup>9</sup></li> </ul> </li> <li>Extended battery charging time:           <ul style="list-style-type: none"> <li>Power on or off approx. 6.5 hours<sup>4</sup></li> </ul> </li> <li>USB Type-C® charging capacity sold separately</li> </ul>
<b>POWER MANAGEMENT<sup>11</sup></b>	<ul style="list-style-type: none"> <li>Consumption approx. 32W<sup>12,13</sup></li> </ul>
<b>SECURITY FEATURES</b>	<ul style="list-style-type: none"> <li>ARM® TrustZone® (Built-in)</li> <li>NFC</li> <li>Smart Card Reader (optional)</li> <li>Kensington lock</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<sup>14,15</sup></b>	<ul style="list-style-type: none"> <li>10.7" x 7.72" x 0.65" (without barcode reader section)</li> <li>Approx. 1.98 lb. with dual batteries</li> </ul>

## INTEGRATED OPTIONS

- 4G LTE Band 14 EM7511 multi carrier mobile broadband with satellite GPS
- Choice of 1D/2D barcode reader (SE4750) with LED light, Insertable Smart Card or 2nd USB Type-A. Combinations vary by SKU configuration.

## ACCESSORIES

- Single Bay Desktop USB and Ethernet I/O Cradle FZ-VEBA21U
- AC Adapter with AC Cord CF-AA6413AM
- 5-Bay Battery Charger with 100W Power Supply and AC Cord FZ-VCBT131M
- Standard Battery 3,200mAh FZ-VZSUT10U
- Extended Battery 5,580mAh FZ-VZSUT11U
- Rotating Hand Strap (All Configurations) FZ-VSTA31U
- Pen Tether with Stylus Loop CF-VNT002U
- Passive Stylus Pen CF-VNP025U
- Shoulder Strap CF-VNS331U
- Screen Protector Film FZ-VPFA31U

Please consult your reseller or Panasonic representative before purchasing. Specifications given herein may be changed at any time without prior notice.

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

<sup>2</sup> Operation has been tested and confirmed using the following Panasonic brand memory cards: SD (up to 2 GB), SDHC (up to 32 GB), SDXC (up to 64 GB). Compatibility with other SD devices is not guaranteed.

<sup>3</sup> Does not guarantee operation of all USB-compatible peripherals. USB Type-C® will charge the device if the input source is 1000mA or higher. If the source is less than 1000mA the device will not charge both batteries.

<sup>4</sup> 25°C (77°F) environment. Temperature range for charging: 10°C to 35°C (50°F to 95°F) Humidity: 30% to 80% relative humidity.

<sup>5</sup> The AC adaptor is designed for use with power sources that supply up to 240 V AC.

<sup>6</sup> Actual performance varies depending on usage conditions, connected peripherals, etc. Typically, operating time is reduced in colder environments.

<sup>7</sup> Talk time may vary depending on the condition of the mobile network.

<sup>8</sup> As defined by the JEITA Specification, Working Mode B. (Two times reading in every 10 seconds)

<sup>9</sup> Enterprise user profile: Measured with LCD brightness: 150 cd/m2, Web browsing every 20 seconds through WLAN. Battery life varies depending on the usage conditions or when an optional device is attached.

<sup>10</sup> Charging with optional cradle. Varies depending on usage conditions.

<sup>11</sup> Hot swap activation is automatic when one battery is removed at a time as long as battery percentage indicator is above 30%. If the battery percentage indicator is below 30% then on screen instructions will require the user to turn off the screen first to maintain hot swap mode. Hot swap mode is deactivated when the battery percentage indicator is at 15%.

<sup>12</sup> When the battery is fully charged (or not being charged) and the unit is off.

<sup>13</sup> Powered with optional cradle. Rated power consumption.

<sup>14</sup> Actual size may vary by unit configuration.

<sup>15</sup> Average weight. Actual weight may vary by unit configuration.

<sup>16</sup> Do not expose the skin to this product when using the product in a hot or cold environment. When using the product in hot or cold environments, some peripherals may not perform properly. Confirm the recommended operation environment of the peripherals. Using the product continuously hot environments will shorten the product life. Avoid continuous use in these types of environments. When using the product in cold environments, the product may take longer to start up and battery operation time may be reduced. Even when using the product within the temperature and humidity ranges listed here, using the product continuously in extreme environments will result in product deterioration and will shorten the life of the product.

<sup>17</sup> Product functionality cannot be guaranteed if the operating system is modified or replaced by the user or a third party.

