



**Lightweight, Fully Rugged Windows 10 Pro Tablet  
with 10.1" next generation Outdoor Display**

# **TOUGHBOOK G2 mk2 Standard**

The TOUGHBOOK G2 is the next generation rugged device for mobile workforces. It offers all the benefits of the latest technology, while maintaining important access to legacy systems. All of this wrapped up in a more flexible, secure and ultimately even more useable device

## **Key Features**

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Windows 11 Pro

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Intel® Core™ i5-1245U vPro™ Processor / 12 MB cache, 1.6 GHz up to 4.4 GHz with Intel® Turbo Boost Technology

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10.1" Active Matrix (TFT) colour LCD 1920 x 1200 (WUXGA) with sunlight-viewable, glove & rain mode enabled capacitive touchscreen (up to 1000cd/m<sup>2</sup>), IP55 digitiser

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IP65 Water and dust resistance, designed to meet MIL-STD810H (Test by an independent third party lab following MIL-STD810H will be done 2H 2021)

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Long battery life of up to 12 hours with standard battery





## TOUGHBOOK G2 mk2 Standard

<https://ap.connect.panasonic.com/sg/en/products/toughbook/toughbook-g2-mk2-standard>

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|--|---|
| <b>Model</b>   | FZ-G2mk1, 16GB RAM, 512GB OPAL SSD, standard battery pack, IP55 digitiser pen   |
| <b>OS (Operating System)</b>   | Windows 11 Pro  |
| <b>CPU (Mobile Computing Platform) -&gt; Processor</b>                     | Intel® Core™ i5-245U vPro™ processor  |
| <b>CPU (Mobile Computing Platform) -&gt; Graphics chips</b>                | Intel® Iris® XE Graphics  |
| <b>Memory (RAM) (RAM Standard / Maximum) (Main memory)</b>                 | 16GB (max. 32GB) DDR4   |
| <b>Storage</b>   | 512GB OPAL NVMe SSD (1TB optional)  |
| <b>Display &amp; Graphics</b>  | 10.1" Active Matrix (TFT) colour LCD 1920 x 1200 (WUXGA) with sunlight-viewable glove & rain mode enabled capacitive touchscreen (up to 1000cd/m <sup>2</sup> ), IP Digitiser   |
| <b>Wireless</b>  | Mobile Broadband*:4G LTE, supports 3G,<br>GPS*:U-Blox NEO-M8N<br>Wi-Fi:Intel® Wi-Fi6 AX201,<br>Bluetooth:Version 5.1 Class 1  |
| <b>I/O Ports (Interface)</b>   | USB 3.1:x1,<br>USB 3.1 type C PD:x1,<br>LAN:x1,<br>Dual Antenna Connector:x1,<br>Configuration port**:Serial, 2D Barcode Reader, 2nd USB 2.0, 2nd LAN, Thermal by FLIR  |
| <b>Rear expansion area&lt;sup&gt; **&lt;/sup&gt;</b>                       | Smart Card Reader,<br>HF-RFID (NFC) Reader  |
| <b>Camera -&gt; Front&lt;sup&gt; *&lt;/sup&gt;</b>                         | 2 megapixel with IR / privacy shutter (Windows Hello compliant)   |
| <b>Camera -&gt; Rear</b>   | 8 megapixel with autofocus and LED flash  |
| <b>Audio (Sound)</b>   | Intel® High Definition Audio subsystem support, stereo speaker  |
| <b>Security</b>  | TPM (TCG V2.0 compliant)  |
| <b>Dimensions -&gt; Main Unit</b>  | 279 mm x 188 mm x 23.5 mm   |
| <b>Weight -&gt; Main Unit</b>  | Approx 1.19kg   |
| <b>Battery -&gt; Battery Life</b>  | Standard Battery approx 12 hours (Mobile Mark™ 2014)  |
| <b>Power (Power supply) -&gt; AC adapter</b>                               | Input: 100V - 240V AC, 50Hz/60Hz,<br>Output: 15.6V DC, 7.05A,<br>DC In:x1   |
| <b>Power (Power supply) -&gt; Battery (Battery pack)</b>                   | Standard Battery: Li-Ion 11.4V, 4360mAh,<br>Extended Battery*: Li-ion 10.8V, 6300mAh  |
| <b>Power (Power supply) -&gt; Hot Swap</b>                                 | Hot swap,<br>standby function,<br>ACPI BIOS   |
| <b>Durability -&gt; Drop resistance&lt;sup&gt; ***&lt;/sup&gt;</b>         | Polywood****: 120cm / 26 sides / Power Off Concrete****: 120cm / 6 sides / Power Off  |
| <b>Durability -&gt; Dust resistance&lt;sup&gt; ***IP6x****&lt;/sup&gt;</b> |   |
| <b>Durability -&gt; Water resistance&lt;sup&gt; ***&lt;/sup&gt;</b>        | IPx5****  |
| <b>Operating temperature&lt;sup&gt; ***&lt;/sup&gt;</b>                    | MIL-STD 810H, -29 °C to 63 °C ***   |
| <b>Included in Box</b>   | Power supply,<br>power cord,>br /><br>display cleaning cloth and user manual  |
| <b>Integrated Options</b>  | Port Replicator:x1  |
| <b>Footnote Description</b>  | *Optional,<br><br>**One option exclusively possible in Top Expansion Bay Area, needs to be decided at time of purchase,<br><br>***One option exclusively possible in Rear Expansion Bay Area, End User replacement. Available as accessory,<br><br>****Designed for MIL-STD810H. Test by an independent third party lab following MIL-STD810H will be done 2H 2021. |