

# PANASONIC TOUGHBOOK® FAMILY QUICK REFERENCE GUIDE

**Panasonic** CONNECT



|                                   | TOUGHBOOK 55                                | TOUGHBOOK 40   | TOUGHBOOK 33                        | TOUGHBOOK G2                        |
|-----------------------------------|---|--|-------------------------------------|-------------------------------------|
| SPECIFICATION                     | Laptop                                      | Laptop   | 2-in-1 (w/opt. keyboard)            | 2-in-1 (w/opt. keyboard)            |
| Operating System                  | Windows 11                                  | Windows 11   | Windows 11                          | Windows 11                          |
| Screen Size & Resolution          | 14" FHD (touch model) or HD                 | 14" FHD  | 12.0" QHD                           | 10.1" WUXGA                         |
| Brightness (nit)                  | 1000 (touch model)                          | 1200   | 1200                                | 1000                                |
| Touch Display                     | Optional Touch                              | Touch  | Touch + Digitizer                   | Touch + Digitizer                   |
| Cameras                           | 2MP IR Webcam                               | 5MP IR Webcam  | 2MP IR Webcam & 8MP Rear Cam        | 2MP IR Webcam & 8MP Rear Cam        |
| Optical Drive                     | Optional (DVD or Blu-ray)                   | Optional (DVD or Blu-ray)                              |                                     |                                     |
| CPU                               | Intel® Core™ i5-1345U (i7 optional)         | Intel® Core™ i5-1145G7 (i7 optional)                   | Intel® Core™ i5-1245U (i7 optional) | Intel® Core™ i5-1245U (i7 optional) |
| Dedicated Graphics                |   | •  |                                     |                                     |
| Starting Storage Drive            | 512 – 2TB SSD OPAL (optional 2nd SSD Drive) | 512 – 2TB SSD OPAL (opt FIPS) (optional 2nd SSD Drive) | 512 – 1TB SSD OPAL                  | 512 – 2TB SSD OPAL <sup>3</sup>     |
| Memory (RAM)                      | 16 – 64GB (user-upgradeable)                | 16 – 64GB (user-upgradeable)                           | 16 – 32GB (factory installed)       | 16 – 32GB (factory installed)       |
| Antenna Pass Through              | Opt. (Dual)                                 | Opt. (Quad - BIOS selectable)                          | Dual                                | Dual                                |
| Dedicated GPS                     | Optional                                    | Optional   | Optional                            | Optional                            |
| SIM                               | 2 (4FF + eSIM)                              | 2 (4FF + eSIM)   | 2 (4FF + eSIM)                      | 2 (4FF + eSIM)                      |
| Mobile Broadband                  | Optional (4G)                               | Optional (4G or 5G modems)                             | Optional (4G)                       | Optional (4G or 5G modems)          |
| FirstNet™ Certified               | •   | •  | •                                   | •                                   |
| Swappable Battery                 | Optional Hot Swap                           | Optional Hot Swap                                      | Hot Swap                            | Optional Hot Swap                   |
| Battery Life (hours) <sup>1</sup> | 10<br>(20 with optional 2nd battery)        | 10<br>(20 with optional 2nd battery)                   | 6.5<br>(14 with optional battery)   | 12                                  |
| Starting Weight (lbs.)            | 4.6 – 4.9                                   | 7.4  | 3.4 (6.2 w/opt. Premium Keyboard)   | 2.9 (4.9 w/opt. keyboard)           |
| <b>RUGGEDNESS</b>                 | <b>Semi-Rugged</b>                          | <b>Fully-Rugged</b>                                    | <b>Fully-Rugged</b>                 | <b>Fully-Rugged</b>                 |
| Backlit Keyboard                  | Color-selectable                            | Color-selectable                                       | Red                                 | Color-selectable                    |
| Fanless                           |   |  |                                     |                                     |
| Covered Ports                     | •   | •  | •                                   | •                                   |
| Storage Drive Heater              | •   | •  | •                                   | •                                   |
| User-removable xPAK's             | •   | •  |                                     | •                                   |
| User-Removable Storage            | •   | •  | Optional                            | •                                   |
| User-Removable Battery            | •   | •  | •                                   | •                                   |
| Hand Strap/Handle                 | •   | •  | Optional                            | Optional                            |
| Magnesium Alloy Casing or Chassis | •   | •  | •                                   | •                                   |
| Spill-resistant Keyboard          | •   | •  | •                                   | •                                   |
| IP Certified <sup>2</sup>         | IP53  | IP66   | IP65                                | IP65                                |
| MIL-STD Certified                 | 810H  | 810H, 461G, C1D2                                       | 810H, 461F, C1D2                    | 810H, 461G, C1D2                    |
| MIL-STD-810H Drop                 | 3 ft  | 6 ft   | 4 ft (5 ft Tablet only)             | 6 ft                                |

<sup>1</sup> Battery test results have been updated to now use MobileMark 25 (250 nit, Windows 11, connected to Wi-Fi, Office Productivity and Creativity scenarios). Previous battery lives were tested using MobileMark 2014 (150 nit, Windows 10, Office Productivity only). For example, the TOUGHBOOK 33 Mk3 battery life using MobileMark 2014 was 10 hours (20 w/optional long life batteries).  
<sup>2</sup> Tested by a national, independent, third-party lab following MIL-STD-810H Method 516.8 Procedure IV for transit drop and IEC 60529 Sections 13.4, 13.6.2, 14.2.5 and 14.3 for IP.  
<sup>3</sup> 2TB SSD is available on 12th Gen CPU models



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