

# PANASONIC TOUGHBOOK FAMILY QUICK REFERENCE GUIDE



	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™ Ultra 5 135H (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 – 1TB 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 (20 with optional 2nd battery)	12 (24 with optional 2nd battery)	6.5 (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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