

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 Pro, Red Hat Enterprise Linux 9.4 & 10	Windows 11 Pro, Red Hat Enterprise Linux 9.4 & 10	Windows 11 Pro, Red Hat Enterprise Linux 9.4 & 10	Windows 11 Pro, Red Hat Enterprise Linux 9.4 & 10
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 & 13MP Rear Cam
Optical Drive	Optional (DVD or Blu-ray)	Optional (DVD or Blu-ray)		
CPU (vPro™)	Intel® Core™ i5-1345U (i7 optional)	Intel® Core™ Ultra 5 135H (Ultra 7 opt.)	Intel® Core™ i5-1345U (i7 optional)	Intel® Core™ Ultra 5 135U
Starting Storage Drive	512 – 2TB SSD OPAL (optional 2nd SSD Drive)	512 – 2TB SSD OPAL (opt FIPS) (optional 2nd SSD Drive)	512 – 2TB SSD OPAL	512 – 2TB SSD OPAL
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 modem or 5G xPAK)	Optional (4G or 5G modems)	Optional (4G or 5G modems)	Optional (4G or 5G modems)
FirstNet™ Certified	•	•	•	•
Swappable Battery	Optional Hot Swap	Optional Hot Swap	Hot Swap	Optional Hot Swap
Battery Life (hours) ¹	10 (20 with optional 2nd battery)	12 (24 with optional 2nd battery)	7 (15 with optional battery)	14.5
Starting Weight (lbs.)	4.6 – 4.9	7.4	3.4 (6.2 w/opt. Premium Keyboard)	2.9 (4.9 w/opt. keyboard)
RUGGEDNESS	Semi-Rugged	Fully-Rugged	Fully Rugged	Fully Rugged
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 ²	IP53	IP66	IP65	IP65
MIL-STD Certified	810H	810H, 461G, C1D2	810H, 461G, C1D2	810H, 461G, C1D2
MIL-STD-810G Drop	3 ft	6 ft	4 ft (5 ft Tablet only)	6 ft

¹ Battery test results have been updated to now use MobileMark 25 (250 nit, Windows 11, connected to Wi-Fi, Office Productivity and Creativity scenarios).

² 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.