

Panasonic Toughbook Quick Reference Guide





















Company Comp											
		TOUGHBOOK C1	TOUGHBOOK S10	TOUGHBOOK F9	TOUGHBOOK 52	TOUGHBOOK 53	TOUGHPAD A1	TOUGHBOOK U1 ULTRA	TOUGHBOOK H2	TOUGHBOOK 19	TOUGHBOOK 31
Production Pro	PERFORMANCE FEATURES										
Depth (Prince)	Operating System					Genuine Windows® 7 Professional¹	Android™ 4.0				Genuine Windows® 7 Professional¹
Special Spec	Convertible Laptop to Tablet	•								•	
Separate	Display Image Rotation	•					•	•	•	•	
Septent Sylver	Supports Touch	•				Select Models	•	•	•	•	•
Immunitary Car	Supports Gestures	•				Touchpad	•				
Section Part Procession Part Procession Part Procession Part Procession Part Procession Part Procession Part Par	Supports Electronic Stylus (Digitizer)	Select Models					•		•	Select Models	
Part	Internal Optical Drive		•	•	•	•					Optional
Description	Screen Size	12.1" Widescreen	12.1" Widescreen	14.1" Widescreen	15.4" Widescreen	14.0" HD	10.1" XGA	5.6" Widescreen	10.1" XGA	10.1" XGA	13.1" XGA
March 1	Chipset	Intel® Core™ i5	Intel® Core™ i5	Intel® Core™ i5	Intel® Core™ i5	Intel® Core™ i5 or i3	Marvel®	Intel® Atom™	Intel® Core™ i5	Intel® Core™ i5	Intel® Core™ i5 or i3
Many	Dedicated Graphics				•						Select Models
Very part Very	Base Storage	320GB HDD (7200rpm)	320GB HDD (5400rpm)	320GB HDD (5400rpm)	320GB HDD (7200rpm)	320GB HDD (7200 & 5400rpm)	16GB Flash	64GB SSD	320GB HDD (7200rpm)	320GB HDD (7200rpm)	320GB HDD (7200 & 5400rpm)
1 1 1 1 1 1 1 1 1 1	Memory	2-8GB	4-8GB	2-6GB	4-16GB	2-8GB	1GB	2GB	4-8GB	4-8GB	2-8GB
Communication Communicatio	Weight (lbs.)	3.28 (3.73 w/opt. 2 nd battery)	3.0	3.6	7.5	5.6-6.5	2.1	2.3	3.5	5.1	7.9-8.2
BASES FATURES FATURE	Battery Life ²	6 hours (12 hours w/opt. 2 nd battery)	12.5 hours	7 hours	4 hours	7-10 hours	10 hours ³ (simulated real world conditions)	9 hours ⁴	6.5 hours ⁴	8.5 hours	7.5-13.5 hours (20 hours w/opt. 2 nd battery) ⁵
100 100	Hot-swappable Battery Design	•						•	•		
Personal Containinant Technology	RUGGED FEATURES										
Transference function for the first of the f	HDD Heater					Optional		n/a	•	•	•
PRS CENTRICY NET TO CONTROL NET TO	Panasonic CircuLumin™ Technology					Select Models			•	•	•
MLSTD-810G Cartified	TransflectivePlus Display							•	•	•	
Faniss or Hybrid Cooling System Covered Parts	IP65 Certified ⁶						•	•	•	•	•
Covered Paris	MIL-STD-810G Certified ⁶					•	•	•	•	•	•
Anti-reflective Screen Treatment Outder-reflective Screen Treatment Outdoor Mountail Protection Outdoor SSD Outdoor SSD Outdoor Reating Outdoor Reating Outdoor Reating Outdoor Readed Outdoor Re	Fanless or Hybrid Cooling System						•	•	•	•	•
Cutck-release Hard Drive	Covered Ports				•	•	•	•	•	•	•
Hand Strap/Handle	Anti-reflective Screen Treatment				•	Select Models	•	•	•	•	•
Flexible Hard Drive Connector	Quick-release Hard Drive	•			•	•				•	•
Shock-mounted HDD or SSD	Hand Strap/Handle	•		•	•	•		•	•	•	•
LCD Mounting Protection	Flexible Hard Drive Connector	•	•	•	•	•		•	•	•	•
Anti-glare Screen Treatment Anti-glare Scree	Shock-mounted HDD or SSD	•	•	•	•	•		•	•	•	•
Magnesium Alloy Casing or Chassis •	LCD Mounting Protection	•	•	•	•	•	•	•	•	•	•
Spill-resistant Keyboard • n/a • n/a • MIL-STD-810G Drop Rating 1 ft (2.5 ft on base) 3 ft 4 ft 6 ft ⁶ 8 ft ⁶	Anti-glare Screen Treatment	•	•	•	•	•	•	•	•	•	•
MilSTD-810G Drop Rating 1 ft (2.5 ft on base) 3 ft 4 ft 6 ft ⁶ 6 ft	Magnesium Alloy Casing or Chassis	•	•	•	•	•	•	•	•	•	•
3-year Warranty Outdoor Viewability WIRELESS FEATURES GPS Option Field-upgradable Mobile Broadband • • • • • • • • • • • • • • • • • • •	Spill-resistant Keyboard	•	•	•	•	•	n/a	•	n/a	•	•
3-year Warranty Outdoor Viewability WIRELESS FEATURES GPS Option Field-upgradable Mobile Broadband • • • • • • • • • • • • • • • • • • •	MIL-STD-810G Drop Rating	1 ft (2.5 ft on base)	1 ft (2.5 ft on base)	1 ft (2.5 ft on base)	1 ft (2.5 ft 6 sides)	3 ft	4 ft	6 ft ⁶	6 ft ⁶	6 ft ⁶	6 ft ⁶
Outdoor Viewability Sunlight S			•			•	•	•	•	•	•
WIRELESS FEATURES GPS Option						Sunlight (Select Models)	Daylight	Sunlight	Sunlight	Sunlight	Sunlight
GPS Option •											
Field-upgradable Mobile Broadband • • • • • • • • • • • • • • • • • • •							•	•	•	•	•
	-	•	•	•	•	•				•	•
							•	•	•		•
Wi-Fi		•	•	•	•	•	•	•	•	•	•
		•	•		•	Select Models	•	•		•	•

 $^{^1}$ A full set of Windows XP drivers are available at panasonic.com/toughbook/support. 2 Battery life, unless otherwise stated, is based on MobileMark.

 $\hbox{@2012 Panasonic Corporation of North America. All rights reserved. F_ProductGuide_06/12}$

1.800.662.3537 panasonic.com/toughbook



³ Battery test results based on 100 nit, Wi-Fi on, running video at 50% audio level.

⁵ Available on select models.

⁶ Tested by a national independent third party lab following MIL-STD-810G Method 516.6 Procedure IV for transit drop and IEC 60529 Sections 13.4, 13.6.2, 14.2.5 and 14.3 for IP65.