

RESELLER BULLETIN

Panasonic
AUTHORIZED
RESELLER PROGRAM

Subject: Toughbook 53 EOL

Bulletin Type: Product Marketing Service

Bulletin Number:

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Product: Computers & Tablets

The Panasonic Toughbook 53 will be discontinued on August 1 2017 – no further supply of the product is available from Panasonic, only the remaining units already in the channel. Orders that cannot be fulfilled have already been cancelled by Panasonic – if you have not already done so, please place a new order for the replacement product, the Toughbook 54.

The Toughbook 53 will be removed from the main product pages of the Toughbook website this August. The spec sheet, operating instructions and drivers for the Toughbook 53 will remain on the support site. Spare parts for the Toughbook 53 will continue to be available for 7 years. Technical support will continue to be available free of charge for the lifetime of the product. For support information, please go to www.panasonic.com/toughbook/support.

The Toughbook 54 (www.panasonic.com/toughbook/54) also is a 14" notebook that has an optional touchscreen. Some advantages of the Toughbook 54 is its unique Performance model which features discrete graphics (AMD FirePro™), dual fans, full HD 1080p display, and optional second hard drive. The Toughbook 54 is also more than 1 pound lighter and 1 inch thinner, has 20% better CPU and graphics performance, is IP51, has user-definable keys and offers an optional 2nd battery that can go into the media bay. The attached comparison tables will help highlight the differences between the models and all of the advances made.



Panasonic Toughbook 53mk4		Panasonic Toughbook 54mk2	
1 Models	Lite, Prime, Touch	Lite, Prime, Touch, Performance	
2 Processor	Intel Core i5-4310U 2.0GHz with vPro (i7 project-driven ¹)	Intel Core i5-6300U 2.4GHz with vPro (i7 project-driven ¹)	
3 Cache	3MB	3MB	
4 Memory (RAM)	4-16GB	8-16GB (Performance model); 4-16GB (other models)	
5 Video Adapter	Intel HD4400	AMD FirePro M5100 (Performance model); Intel HD Graphics 520 (other models)	
6 Display	14.0" HD (1366 x 768)	14.0" HD (1366x768); FHD (1920x1080) 1000 nit touch	
7 Pixels Per Inch (PPI)	112	112 (HD); 157 (FHD)	
8 Screen Treatments	Anti-reflective ¹ , Anti-glare	Anti-reflective ¹ , Anti-glare	
9 Screen Technology	CircuLumin Technology (touch model)	IPS & Direct Bonding (FHD models)	
10 Concealed Mode	Yes (configurable)	Yes (configurable)	
11 Audio Ports	Yes (2 ports)	Yes (1 port)	
12 RJ-11 Modem (56K)	Optional (RJ-11, 2nd LAN, FireWire, dual pass mutually exclusive) ¹	-	
13 Ethernet (10/100/1000)	Yes	Yes	
14 2nd Ethernet Port (10/100/1000)	Optional (RJ-11, 2nd LAN, FireWire, dual pass mutually exclusive) ¹	Optional ^{1,2,4}	
15 Wi-Fi	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	
16 Wi-Fi Processor	Intel Dual Band Wireless-AC 7260	Intel Dual Band Wireless-AC 8260	
17 Mobile Broadband Support	Optional 4G LTE Multi Carrier with Satellite GPS	Optional 4G LTE Multi Carrier with Satellite GPS	
18 Dedicated GPS	Optional ¹	Optional ^{1,4}	
19 Dual Pass Through	Optional (RJ-11, 2nd LAN, FireWire, dual pass mutually exclusive) ¹	Optional ¹	
20 Bluetooth	4.0 (Class 1)	4.1 (Class 1)	
21 Standard Hard Drive	500GB 7200rpm (prime/touch models); 320GB 5400rpm (lite model)	500GB 7200rpm (prime/touch models); 500GB 5400rpm (lite model)	
22 Optional Dual Drive	-	Yes ¹	
23 Optional Drives	Yes (128/256/512GB SSD, 1TB HDD)	Yes (256/512GB SSD, 1TB HDD) ¹	
24 DVD Drive	Yes	Optional ²	
25 SD Card Slot (SDXC)	Yes	Yes	
26 PC Card Slot (Type II)	Yes	Optional ^{1,3}	
27 ExpressCard (/54)	Yes	-	
28 Serial Port	Yes	Optional ²	
29 USB Ports	Yes (USB 3.0 x2; USB 2.0 x2)	Yes (USB 3.0 x3; optional USB 2.0 x 1 ^{1,2,4})	
30 Rugged Fischer USB Port	-	Optional ^{1,2,4}	
31 FireWire Port	Optional (RJ-11, 2nd LAN, FireWire, dual pass mutually exclusive) ¹	-	
32 Video Ports	HDMI, VGA	HDMI (VGA optional ⁵)	
33 Webcam	Optional (1MP) ¹	Optional (1080p) ¹	
34 Backlit Keyboard	Optional	Yes ¹	
35 Touchpad Input	Multi touch, Touch	Multi touch, Touch	
36 Dimensions	11.1"(L) x 13.4"(W) x 2.2"(H)	10.7" (L) x 13.6" (W) x 1.2" (H) ²	
37 Weight	5.6 lbs. (lite model), 5.8 lbs. (prime model), 6.5 lbs. (touch model)	4.2 lbs (lite model), 4.4 lbs (prime model), 4.6 (touch & performance models)	
38 Battery Life	15 hours (prime/touch models), 10 hours (lite model)	Lite model = 9 hours; Other models = 11 hours	
39 2nd Battery	-	Optional (+7 hours battery life)	
40 Hot Swappable	-	Yes (w/opt media bay 2nd battery)	
41 Operating Systems	Windows 7 Professional or Win 8.1 Pro	Windows 7 Professional or Win 10 Pro	
42 TPM	TPM 1.2 (Win7), TPM2.0 (available on Win10)	TPM 1.2 (Win7), TPM2.0 (available on Win10)	
43 Fingerprint Reader	Optional (exclusive with contactless SmartCard) ¹	Optional ^{1,5}	
44 Insertable SmartCard Reader	Optional	Optional ²	
45 Contactless SmartCard Reader/NFC	Optional (exclusive with fingerprint) ¹	Optional ^{1,5}	
46 User-definable Shortcut Keys	-	Yes (2)	
47 Magnesium Alloy Case	Yes	Yes	
48 Shock-mounted HD	Yes	Yes	
49 HD Heater	Optional	Yes	
50 Drop-resistant	3 foot	3 foot	
51 Spill-resistant	Yes	Yes	
52 MIL-STD-810G certified	Yes	Yes (more stringent test levels on 4 tests, plus 2 additional tests)	
53 IP certified	-	Yes (IP51)	
54 Covered Ports	Yes	Yes	
55 Handle	Yes	Yes	

¹ Not available on Lite model

² Some integrated options (Insertable SmartCard (bottom), 2nd LAN, 4th USB, Rugged Fischer USB, VGA, Serial) require an extension on part of the bottom measuring 0.3"

³ DVD, PC Card, Media Bay 2nd Battery are mutually exclusive

⁴ GPS, 2nd LAN, 4th USB and Rugged Fischer USB are mutually exclusive

⁵ Fingerprint and Contactless SmartCard/NFC are mutually exclusive

 Shaded cells indicate change



Toughbook 53 EOL FAQs

When is the last day to order the Toughbook 53?

July 12th was the last day for Panasonic to accept PO's. Of course, any remaining Toughbook 53 units in the channel can continue to be sold while supplies last.

Why did Panasonic stop building the Toughbook 53?

Unfortunately, an EOL component and higher demand than anticipated, necessitated an earlier EOL for the Toughbook 53 than originally thought. The Toughbook 54 was designed to be the successor to the Toughbook 53 when the Toughbook 54 was introduced February 2015. While the Toughbook 54 offered many similar features as well as new innovations, to address concerns about backwards compatibility and allow customers sufficient time to plan their migration, Panasonic decided to sell both models side-by-side for 2.5 years.

How do the Toughbook 53 and Toughbook 54 compare?

The Toughbook 54 (www.panasonic.com/toughbook/54) also is a 14" notebook that has an optional touchscreen. Some advantages of the Toughbook 54 is its unique Performance model which features discrete graphics (AMD FirePro™), dual fans, full HD 1080p display, and optional second hard drive. The Toughbook 54 is also more than 1 pound lighter and 1 inch thinner, has 20% better CPU and graphics performance, is IP51, has user-definable keys and offers an optional 2nd battery that can go into the media bay. For your convenience, the attached comparison table will help highlight the major differences between the models.

Why is the Toughbook 54 not backwards compatible with the Toughbook 53 vehicle dock?

Historically, semi-rugged products were never intended to be backwards compatible with previous models (unlike fully rugged models which typically are backwards compatible). This approach would enable semi-rugged products to have their designs improved as technology advances in order to provide customers with the thinnest and lightest products possible, without restricting it artificially for backwards compatibility (the Toughbook 54 is over 1lb lighter and 1" thinner than the Toughbook 53). Moving forward, Panasonic will reconsider this approach based on customer and channel feedback.

Can I still get support for the Toughbook 53?

Yes. Technical support will continue to be available free of charge for the lifetime of the product. For support information, please go to www.panasonic.com/toughbook/support. Repairs will continue to be supported as per the applicable warranty (standard warranty is 3 years) and spare parts for the Toughbook 53 will be available for 7 years.