

Subject: End of Sales Notification for TOUGHBOOK 31

Bulletin Number: Toughbook-2020-PB-86

Bulletin Type: Product Marketing Service

Date: 01/15/2020

Product: Computers & Tablets

Panasonic is initiating the end of sale (EOS) process for the TOUGHBOOK 31. The final buy date will be April 17, 2020. Customers are asked to place their PO by this date in order to fulfill all orders. Any orders received after the EOS deadline will be fulfilled while supplies last.

Panasonic will offer spare parts for 7 years from the end of sale. Technical support will continue to be available, at no cost, for the lifetime of the product. For support information, please visit the [TOUGHBOOK Support Center](#).

Device Migration

Panasonic recommends that customers migrate to the [TOUGHBOOK 33](#), a fully-rugged device that can operate in laptop mode, or be detached from its keyboard to operate as a tablet. The TOUGHBOOK 33 features:

- A display with over 2X the PPI (resolution)
- MORE microphones for better speech recognition
- Infrared webcam and rear camera
- Better line of sight
- Hot swappable batteries
- Optional barcode and contactless smartcard readers
- Optional LTE with Band 14

The TOUGHBOOK 33, even with its optional premium keyboard is 2.5 lbs lighter, 1.1" thinner while still being fully-rugged. The following comparison table will help to highlight the model differences and answers any questions you may have. Be sure to contact your Panasonic representative if you have further questions.

Final Buy Product	Replacement	Final Buy	End of Sales	End of Parts Support
	TOUGHBOOK 31	TOUGHBOOK 33	04/17/2020	07/31/2020 07/31/2027

	Panasonic TOUGHBOOK 31 Mk6	Panasonic TOUGHBOOK 33 Mk1
1 Form Factor	Laptop	2-in-1 (laptop or tablet) – optional laptop mode only locking screw
2 Rugged Level	Fully Rugged	Fully Rugged
3 810G Drop Rating	6 foot	4 foot (5 foot tablet only)
4 IP Rating	65	65
5 461F	Yes	Yes
6 C1D2 Haz Loc	Optional	Optional
7 Storage Drive Heater	Yes	Yes
8 Handle	Yes	Yes (on Premium Keyboard)
9 Processor	Intel Core i5-7300U 2.6GHz with vPro (Turbo Boost up to 3.5GHz)	Intel Core i5-7300U 2.6GHz vPro (Turbo Boost up to 3.5GHz)
10 Processor Class & Generation	Standard Voltage -7th Gen	Standard Voltage - 7th Gen
11 Cache	3MB (4MB on i7)	3MB (4MB on i7)
12 Display	Touchscreen (resistive)	Multi Touch+Digitizer (capacitive)
13 Resolution	13.1" XGA 1024x768 (98 PPI)	12.0" QHD 2160x1440 (224 PPI)
14 LCD Brightness	1200 nit	1200 nit
15 Gloves & Wet Operation	Yes	Yes
16 Video Adapter	Intel HD 620	Intel HD 620
17 Operating Systems	Win 10 Pro	Win 10 Pro
18 Memory (RAM)	16-32GB	8-16GB
19 Storage Drive	256-512GB SSD	256-512GB SSD
20 Storage Drive Removable	Yes - Quick-release	Yes -- (optional Quick-release)
21 Optical Drive	Optional	-
22 Webcam	720p	1080p Infrared
23 Mic	x1	x2
24 Rear Camera	-	8MP
25 Speakers	x1	x2
26 Audio 3.5mm Port	x2	x1
27 USB Ports	x4	x4 (optional 5th) -- 1-2 tablet; 3 on Premium Keyboard
28 SD Card Slot	x1 (SDXC)	x2 (one microSDXC on tablet, SDXC on Premium Keyboard)
29 Video Outputs	x2 (HDMI, VGA)	x3 (one HDMI on tablet, one HDMI & VGA on Premium Keyboard)
30 Serial Port	x1	tablet)
31 PC Card Slot	-	-
32 Ethernet	1 Gbps x1 (optional 2nd)	1 Gbps x2 (one on tablet and Premium Keyboard)
33 Wi-Fi	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac
34 Wi-Fi Processor	Intel Dual Band Wireless-AC 8265	Intel Dual Band Wireless-AC 8265
35 Bluetooth	4.1 + EDR (Class 1)	4.1 + EDR (Class 1)
36 Mobile Broadband	4G LTE (EM7455)	4G LTE (7455 or EM7511 Band 14)
37 Dedicated GPS (dGPS)	Optional (u-blox M8N)	Optional (u-blox M8N)
38 Dual Pass	Yes	Yes
39 Backlit Keyboard	Yes (White)	Yes (Red)
40 Kensington Lock Slot	x1	x2
41 TPM	2.0	2.0
42 Persistence® Technology in BIOS	Yes	Yes
43 Fingerprint Reader	Optional	Optional
44 Insertable SmartCard Reader	Optional	Optional
45 Contactless SmartCare Reader	-	Optional
46 Barcode Reader	-	Optional
47 Location of 2nd Battery	PC (media bay)	Tablet (bump out)
48 Hot Swap	-	Yes
49 Battery Life	19.5 hours (28.5 hrs w/media bay 2nd battery) MobileMark 2014	10 hours (20 hours with optional 2nd battery) MobileMark 2014
50 Dimensions (including handle)	11.5"(L) x 11.9"(W) x 2.9"(H)	11.4" x 12.3" x 1.8" (9.6" x 12.1" x 0.9" tablet only)*
51 Weight	8.6 lbs.	6.1 lbs (3.4 lbs tablet only)

* 2.4" with quick-release SSD and long life battery bump out

 Shaded cells indicate a different from TOUGHBOOK 31