

RESELLER BULLETIN

Panasonic
AUTHORIZED
RESELLER PROGRAM

Subject: Toughbook 19 EOL

Bulletin Type: ☒ Product ☐ Marketing ☐ Service

Bulletin Number: Toughbook-2017-PB-49

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Product: Computers & Tablets

To follow up the previous product bulletin EOL announcement of Toughbook 19 EOL of PC Card, ExpressCard and Wi-Fi, supply of these components is exhausted for new orders. Any order already placed can be fulfilled. Accordingly, the Toughbook 19 will be removed from the main product pages of the Toughbook website this August. The spec sheet, operating instructions and drivers for the Toughbook 19 will remain on the support site.

For customers still are interested in purchasing Toughbook 19 models without PC Card, ExpressCard and Wi-Fi, Panasonic will make them available to a limited set of customers through December 2017. These will require different sku numbers, and will continue need to be customer specific, so please contact your Panasonic representative to be sure these are set up as early as possible to minimize disruption.

Spare parts for the Toughbook 19 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 see www.panasonic.com/toughbook/support.

The suggested migration product is the Toughbook 20 (www.panasonic.com/toughbook/20). While the Toughbook 20 is not backwards compatible with Toughbook 20 vehicle docks, the Toughbook 20 offers the added flexibility of a 2-in-1 form factor that lets users detach its keyboard as needed for a lighter, more portable solution. When its keyboard detached, the Toughbook 20 is 3 pounds lighter than the Toughbook 19, and with its keyboard attached, it is still more than 20% lighter.

The Toughbook 20, unlike the Toughbook 19,


- comes standard with a SSD drive, 8GB of memory, 1080p webcam and has almost doubled the display resolution
- comes with Windows® 10 Pro 64-bit (available Windows 7 Professional downgrade option) and a 6th gen Intel CPU. The Toughbook 19 is only available with Windows 7 Professional for Embedded Systems and a has 3rd gen Intel CPU
- offers a long life battery configuration that provides doubled the battery life of the Toughbook 19, as well as several integrated options not available on the Toughbook 19 such as barcode, contactless SmartCard and magstripe readers.

The attached comparison tables will help highlight the differences between the Toughbook 19 and Toughbook 20. Should you have any remaining questions, please don't hesitate to reach out to your Panasonic representative.





	Panasonic Toughbook CF-19 Mk8	Panasonic Toughbook CF-20 Mk1
1 Processor	Intel Core i5-3610ME 2.7GHz vPro (Turbo Boost up to 3.3GHz)	Intel Core m5-6Y57 1.1GHz vPro (Turbo Boost up to 2.8GHz)
2 Processor Class & Generation	Standard Voltage -- 3rd Gen	Low Voltage - 6th Gen
3 Cache	3MB	4MB
4 Memory (RAM)	4-16GB	8GB
5 Video Adapter	Intel QM77	Intel HD515
6 Display	Touchscreen or Multi Touch+Digitizer	Multi Touch or Multi Touch+Digitizer
7 Resolution	10.1" XGA 1024 x 768 (123 PPI)	10.1" WUXGA 1920 x 1200 (224 PPI)
8 Touch Technology	Resistive	Capacitive
9 Glove Operation	Yes	Yes
10 LCD Brightness	1000 nit (up to 6000 in direct sunlight)	800 nit
11 Screen	AG, AR, CP, TP+ (TransflectivePlus)	AG, AR, IPS, Direct Bonding
12 Concealed Mode	Yes	Yes
13 Dual Pass	Yes	Yes
14 Dedicated GPS	Optional (u-blox M8N)	Optional (u-blox M8N)
15 Wi-Fi	802.11 a/b/g/n	802.11 a/b/g/n/ac
16 Wi-Fi Processor	Intel Centrino Advanced-N 6235	Intel Centrino Advanced-AC 8260
17 Mobile Broadband	4G LTE Multi Carrier	4G LTE Multi Carrier
18 Bluetooth	4.0 + EDR (class 1)	4.1 + EDR (class 1)
19 Standard Storage	500GB 7200rpm - field upgradeable (quick-release)	128GB SSD
20 Optional SSD	Yes (128 or 256GB)	Yes (256 or 512GB)
21 Optical Drive	No	No
22 Video Outputs	x1 (VGA)	x3 (one HDMI on tablet, one HDMI & VGA on keyboard dock)
23 SD Card Slot	x1 (SDXC)	x2 (one microSDXC on tablet, SDXC on keyboard dock)
24 PC Card Slot (Type II)	Yes	No
25 ExpressCard (/54)	Yes	No
26 Serial Port	x1	x1 (keyboard dock; optional 2nd serial on tablet)
27 USB Ports	x2 (USB 3.0 x 1, USB 2.0 x 1)	x5 (one tablet with 2nd optional; 3 on keyboard dock)
28 FireWire Port	Yes	No
29 Audio 3.5mm Port	x2	x1 (tablet)
30 Webcam & Mic	No	1080p & Dual Array Mic (tablet)
31 Rear Camera	Optional 5MP with dual LED light	Optional 8MP with triple LED flash
32 Modem (RJ-11)	No	No
33 Ethernet	10/100/1000 x1	10/100/1000 x2 (one on tablet and keyboard dock)
34 Dimensions	8.5" x 10.7" x 1.9	9.2" x 10.7" x 1.3" including handle (7.7" x 10.7" x 0.6" tablet)
35 Weight	5.1 lbs	3.9 lbs (2.1 lbs tablet)
36 Battery Life ¹	10 hours (touchscreen), 9.5 hours (multi touch + digitizer)	10 hours (20 hours with optional 2nd battery)
37 Hot Swap	No	With optional bridge battery
38 Operating Systems	Win 7 Professional, Windows 8.1 Pro	Win 7 Professional, Windows 8.1 Pro (project-driven), Win 10 Pro
39 Security	Kensington Cable Lock Slot (x1) Password Security TPM 1.2 Computrace Theft Protection Agent Optional Fingerprint Reader Optional Insertable SmartCard	Kensington Cable Lock Slot (x2) Password Security TPM 1.2 Computrace Theft Protection Agent Optional Fingerprint Reader Optional Insertable SmartCard
40 Full Magnesium Alloy Case/Chassis	Yes	Yes
41 Standard SSD or shock-mounted HDD	Yes	Yes
42 Drop-resistant	6 feet (MIL-STD-810G)	TBD (MIL-STD-810G)
43 Sealed All-weather Design	Yes (IP65)	Yes (IP65)
44 Sealed Ports	Yes	Yes
45 Storage Drive Heater	Yes	Yes
46 Handle/Strap	Yes	Yes
47 Backlit Keyboard	Optional (white)	Red
48 Integrated Options	4G LTE Multi Carrier, 128GB or 256 SSD, GPS (u-blox NEO-M8N), Fingerprint Reader, Insertable SmartCard Reader, Emissive Backlit Keyboard, Rubber Backlit Keyboard, ANSI 12.12.01 Haz Loc sku, 5MP Rear Camera, HDD & Battery Lock	4G LTE Multi Carrier, 256GB or 512 SSD , GPS (u-blox NEO-M8N), Fingerprint Reader, Insertable SmartCard Reader, Contactless SmartCard Reader, 1D/2D Capable Barcode Reader, ANSI 12.12.01 Haz Loc sku, 8MP Rear Camera

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