

	Panasonic Toughbook CF-20 Mk1	Panasonic Toughbook CF-20 Mk2
1 Processor	Intel Core m5-6Y57 1.1GHz vPro (Turbo Boost up to 2.8GHz)	Intel Core i5-7Y57 1.2GHz vPro (Turbo Boost up to 3.3GHz)
2 Processor Class & Generation	Low Voltage - 6th Gen	Low Voltage - 7th Gen
3 Cache	4MB	4MB
4 Memory (RAM)	8GB or 16GB	8GB or 16GB
5 Video Adapter	Intel HD 515	Intel HD 615
6 Display	Multi Touch or Multi Touch+Digitizer	Multi Touch+Digitizer
7 Resolution	10.1" WUXGA 1920 x 1200 (224 PPI)	10.1" WUXGA 1920 x 1200 (224 PPI)
8 Touch Technology	Capacitive	Capacitive
9 Glove Operation	Yes	Yes
10 LCD Brightness	800 nit	800 nit
11 Screen	AG, AR, IPS, Direct Bonding	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/ac	802.11 a/b/g/n/ac
16 Wi-Fi Processor	Intel Centrino Advanced-AC 8260	Intel Dual Band Wireless-AC 8265
17 Mobile Broadband	4G LTE Multi Carrier (EM7355)	4G LTE-Advanced Multi Carrier (EM7455) & P.180
18 SIM	Micro-SIM (3FF)	Nano-SIM (4FF)
19 Bluetooth	4.1 + EDR (class 1)	4.1 + EDR (class 1)
20 Storage Drive	128GB SSD (optional 256/512GB)	256GB SSD (optional 512GB)
21 Video Outputs	x3 (one HDMI on tablet, one HDMI & VGA on keyboard dock)	x3 (one HDMI on tablet, one HDMI & VGA on keyboard)
22 SD Card Slot	x2 (one microSDXC on tablet, SDXC on keyboard dock)	x2 (one microSDXC on tablet, SDXC on keyboard)
23 Serial Port	x1 (usb-serial keyboard dock; optional 2nd true serial on tablet)	x1 (usb-serial keyboard dock; optional 2nd true serial on tablet)
24 USB Ports	x5 (one tablet with 2nd optional; 3 on keyboard dock)	x5 (one tablet with 2nd optional; 3 on keyboard)
25 Audio 3.5mm Port	x1 (tablet)	x1 (tablet)
26 Webcam & Mic	1080p & Dual Array Mic	Infrared 1080p & Dual Array Mic
27 Rear Camera	Optional - 8MP with triple LED flash	Standard - 8MP with triple LED flash
28 Ethernet	10/100/1000 x2 (one on tablet and keyboard dock)	10/100/1000 x2 (one on tablet and keyboard)
29 Dimensions	9.2" x 10.7" x 1.3" including handle (7.7" x 10.7" x 0.6" tablet)	9.2" x 10.7" x 1.3" including handle (7.7" x 10.7" x 0.6" tablet)
30 Weight	3.9 lbs (2.1 lbs tablet)	3.9 lbs (2.1 lbs tablet)
31 Battery Life ¹	10 hours (20 hours with optional 2nd battery)	TBD
32 Hot Swap	Optional -- with bridge battery	Standard - with bridge battery
33 Operating Systems	Win 7 Professional, Win 10 Pro	Win 10 Pro
34 Security	Kensington Cable Lock Slot (x2) Password Security TPM 1.2 (Win7); TPM2.0 (Win10) Computrace Theft Protection Agent Optional Fingerprint Reader Optional Insertable SmartCard Optional Contactless SmartCard	Kensington Cable Lock Slot (x2) Password Security TPM 2.0 Computrace Theft Protection Agent Optional Fingerprint Reader Optional Insertable SmartCard Optional Contactless SmartCard
35 Full Magnesium Alloy Case/Chassis	Yes	Yes
36 Standard SSD or shock-mounted HDD	Yes	Yes
37 MIL-STD-810G Drop-resistant	4' Drop (5' tablet only)	4' Drop (5' Tablet Only)
38 Sealed All-weather Design	Yes (IP65)	Yes (IP65)
39 Sealed Ports	Yes	Yes
40 Storage Drive Heater	Yes	Yes
41 Handle/Strap	Yes	Yes
42 Backlit Keyboard	White	White
43 Integrated Options	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	4G LTE-Advanced Multi Carrier, 512 SSD , GPS (u-blox NEO-M8N), Fingerprint Reader, Insertable SmartCard Reader, Contactless SmartCard Reader, 1D/2D Capable Barcode Reader, Magstripe Reader, ANSI 12.12.01 Haz Loc sku

Shaded cells indicate change