


	Panasonic TOUGHBOOK® A2 Mk1	Panasonic TOUGHBOOK® A3 Mk1
1 Form Factor	Tablet	Tablet
2 Rugged Level	Fully Rugged	Fully Rugged
3 810 Drop Rating	5 foot	6 foot
4 IP Rating	65	65
5 461F	-	-
6 CID2 Haz Loc	Optional	Optional TBA
7 Operating Temperature	(14F to 122F)	(-4F to 122F)
8 Storage Temperature	(-4F to 140F)	(-22F to 158F)
9 Processor	Intel® ATOM™ X5-z8550 [1.44GHz up to 2.4GHz] 2MB cache	Qualcomm® SDM660 2.2GHz x4 +1.843GHz x4 Octa-core
10 Display	10.1" WUXGA 1920x1200 LED backlighting Anti-Reflective 10 finger multi-touch (capacitive)	10.1" WUXGA 1920x1200 LED backlighting Anti-Reflective 10 finger multi-touch (capacitive)
11 Resolution	224 PPI	224 PPI
12 Brightness	800 nit	500 nit typical (800 max)
13 Bezel Color	Silver	Silver standard (optional bezel colors special order)
14 Glove & Wet Operation	Yes	Yes
15 Stylus	Yes (Attached to Frame)	Yes (Insertable)
16 User-defined Buttons	3	5
17 Operating Systems	Android® 6.0.1 (Marshmallow)	Android® 9 (Pie)
18 Memory (RAM)	4GB SDRAM	4GB LPDDR4
19 Storage	32GB eMMC	64GB eMMC5.1
20 Webcam	2MP front camera, 8MP rear camera with auto focus and LED light	5MP front camera, 8MP rear camera with auto focus and LED light
21 Mic	x2	x1
22 Speakers	x1 (85db)	x1 (94db)
23 Audio 3.5mm Port	x1	x1
24 USB Type A Ports	x1 USB 3.0, optional 2nd USB 2.0	x1 USB 2.0, optional 2nd USB 2.0
25 USB Type C Ports	x1 (3.1 Gen1) 5GB per/s	x1 (3.0) (OTG, BC1.2) 5GB per/s
26 SD Card Slot	x1 (MicroSDHC)	x1 (MicroSDXC)
27 Video Outputs	x1 HDMI standard	x1 USB Type-C® Display Port (Converter Required)
28 Wi-Fi	Intel® Dual Band Wireless AC8260 Wi-Fi 802.11a/b/g/n/ac	Qualcomm® WCN3990 802.11 a/b/g/n/ac/d/h/i/r/k/v/w MIMO
29 Bluetooth	4.2 (Class 1)	5.0 (Class 1)
30 Mobile Broadband	Optional Sierra Wireless AirPrime® EM7355 (4G LTE and HSPA+) CAT 3 - 100Mbps upload	Optional Sierra Wireless AirPrime® EM7511 (4G LTE and HSPA+) FirstNet® CAT 12 600Mbps upload
31 Sim Slot	x1 (MicroSIM)	x2 (NanoSIM)
32 GPS	Yes (dGPS on Wi-Fi models; Satellite GPS on 4G LTE models)	Yes (dGPS - GPS/GLONASS/Galileo/Beidou/QZSS)
33 Sensors	Ambient light / Magnetic / Gyro / Acceleration	Ambient light / Proximity / Digital Compass / Gyro / Acceleration
34 Dual Pass	Optional	Optional
35 Keyboard	On-screen QWERTY	On-screen QWERTY
36 Kensington Lock Slot	x1	x1
37 Insertable SmartCard Reader	Optional	Optional
38 NFC	No	Yes
39 Barcode Reader	Yes optional	Yes optional
40 Hot Swappable Battery Design	No (has battery back up)	Yes (with clock back up)
41 Battery	Li-Ion battery pack: 11.4V, typical 2720mAh, minimum 2600mAh	Li-Ion 3.8V, 3,200mAh (Dual)
42 Extended Battery	No	Yes (Li-Ion 3.8V 5,580mAh)
43 Dual Battery Design	No	Yes
44 Dimensions (including handle)	10.71" x 7.72" x 0.65" (WiFi, Standard battery)	10.7" x 7.72" x 0.65"
45 Bump Out	Yes (some models)	Yes (some models)
46 Weight	1.94 lbs (Wi-Fi, Standard battery)	1.98 lbs (Wi-Fi, Dual standard batteries)

 Shaded cells indicate a difference

