

RT140

Think bigger and longer



Features

Windows 11

14" display, 1000 nits

5G LTE (optional)

7,4V/4000mA battery

CPU Intel® Core™ Ultra 5 or Ultra 7

1,2m drop test

Barcode reader (optional)

IP65 / MIL STD 810H



Specifications

Platform	CPU	Intel® Core™ i5 1235u / i7 1255u Intel® Core™ Ultra 5 125H with 14 cores and 18 threads, up to 4.50 GHz, integrated 18 MB SmartCache, TDP 28W Intel® Core™ Ultra 7 155H with 16 cores and 22 threads, up to 4.80 GHz, integrated 24 MB SmartCache, TDP 28W
	GPU	iGfx/dGfx (Intel Xe LPG Graphics)
	OS	Windows 11 (PRO, IOT)
Display	Size	14"
	Resolution Brightness	FULL HD (1920*1080) 1000 nits
Memory & Storage	ROM	256GB / 512GB / 1TB SSD
	RAM	16GB/32GB DDR5 (4800MHz)
	Expansional	TF card, Up to 512 GB M.2 2280 PCIE interface * 1, Optional SSD M.2 E-KEY PCIE interface * 1, Optional Custom module
Camera	Rear camera	8MP
	Front camera	5MP
Connectivity	WiFi	AX200 bands: Supports Wi-Fi 6 802.11a,b,d,e,g,h,i,k,n,r,u,v,w,ac,ax
	Network	4G (M-2 interface)
	Frequency Band	LTE-FDD: B1/3/5/7/8/20/28 LTE-TDD: B38/40/41 5G (Optional) NSA n1/2/3/5/7/8/12/13/14/18/20/25/26/28/29/30/38/40/41/48/66/70/71/75/76/77/78/79 SA n1/2/3/5/7/8/12/13/14/ 18/20/25/26/28/29/30/38/ 40/41/48/66/70/71/75/ 76/77/78/79 LTE-FDD B1/2/3/4/5/7/8/ 12/13/14/17/18/19/20/ 25/26/28/29/30/32/66/71 LTE-TDD B34/38/39/40/ 41/42/43/48
	GNSS	GPS
	Bluetooth	BT 5.1 (BLE)
	Interface	USB3.2 * 1, USB2.0 * 2 Type C Thunderbolt 4 Standard Earphone Jack * 1 HDMI 2.0a mini * 1 SIM card * 1 RJ45 * 1 (10/100/1000) RS232 * 1 DC19V/3,78A power interface * 1 12 PIN Pogo Pin (USB&charging) * 1
Datacollection	Fingerprint	Built in, used for power on login
	NFC 2D Barcode reader	USB interface (Optional) resolution 3mil (Optional) Support all the standard codes
Battery	Main Battery	Removable LiPo battery, Hot Swappable, 4850mAh / 11,55V (56Wh) 8 hours (1080p video playing in balanced mode, 320 nits, 70db volume at 10cm, wifi/BT turned off)
	Secondary Battery	Built-in LiPo battery Non-removable 1300 mAh /11,1V (14,4Wh) 1,5 hour (1080p video playing in balanced mode, 320 nits, 70db volume at 10cm, wifi/BT turned off)
	RTC battery	3.0V/220mAh
Dimensions	Size	366,2*246,9*24.8mm
	Weight	2000g
Rugged	IP / drop / MIL	IP65, Drop 1,2 m, MIL STD 810H
	Operate temperature	-20°C to 60°C

Accessories

The RT140 box include the RT140 tablet, a power supply, a USB-C cable, a handstrap and a protective screen already installed.



Battery pack



Power Supply