Athesi Smartphones & Tablets

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Rugged Tablet

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
- 2 x ethernet RJ45

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v 1.2

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	FULL HD (1920*1080)
	Brightness	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 Frequency Band	4G (M-2 interface) 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 * 2(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	USB interface (Optional)
	2D Barcode reader	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

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