



RAGTAB AM171 Specification



Portable Mobile Reader

Multi-technology card reader embedded capable of reading HID iCLASS, HID PIV, MiFare, HID Corporate 1000 and more. Take control of your personnel in places where fixed readers are not an option.

Product Outlook

Type	Details	Standard Configuration
Product Form	Type	Rugged Tablet
	Dimension	228*145*16.5mm
	Weight	Device unit: 630g, Unit with giftbox and standard accessories:1330g, docking: 290g
	Device Color	Black (bottom shell in black, front shell in black)
LCD	Screen Size	8" 16:1
	Resolution	800*1280 IPS LCD
	Brightness	Minimum 400cd/m ²
TP	Touch Panel	Multipoints Capacitive G+G, Rigidity: above 7H-Anti-scratch, TP thickness: 1.1mm, COF, support handwriting
Camera	Front	Front:2.0MP
	Rear	Rear: 13MP auto-facus with flashlight
Speaker	Build in	Embedded 8Ω/0.8W waterproof speakerx 1
Mic	Build in	Sensitivity :-42db, output resistance 2.2kΩ
Battery	Type	Build in polymer li-ion battery
	Capacity	3.7V/8500mAh

System Hardware Configuration

Type	Details	Description
CPU	Type	MTK 8735A Quad Core
	Speed	1.45GHZ
GPU	Type	ARM ® Cortex-A53
RAM	DDR3L	2GB LPDDR3
ROM	Emmc	32GB EMMC
Indicator light	Build in	Indicator light of charge, red light will flash when device has low power. red long light when power more than 20%, green long light when full power
G-sensor	Build in	Gravity acceleration sensor
L-Sensor	Build in	Ambient Light Sensor
M-Sensor	Build in	Magnetism Sensor (Compass)
Gyro-Sensor	Soft	Virtual Gyro

Network Connections

Type	Details	Description
WIFI	WIFI module	WIFI 802.11(a/b/g/n) frequency 2.4G+5.8G dual band WIFI
Bluetooth	Build in	BT4.0 (BLE) class1.5 transmission distance: 10m
2G/3G/4G(LTE)	Build in	LTE (B2 B4 B5 B7 B8 B17 B38 B39 B40 B41 & WCDMA (B2 B5 B8) & GSM (B2 B3 B5 B8)
GPS	Build in	Integrate MT6255 (four in one chip), Support GPS/BeiDou/Glonass
READER	Build in	HID Prox. ICLASS, MIFARE, C1000, INDALA, SEOS

Interface Configuration

Type	Details	Description
TF slot	Extensive	x1 max: 128G
	External	
	Extend	
USB Interface	External m	OTG x1
Earphone Jack	Audio Output	3.5mm standard earphone jack x1

DC Jack	Power	DC 5V 3A 3.5mm Power connector x1
HDMI	Video Output External	HDMI 1.4a Type C x1
USB Interface	External	OTG x1
Extensive Slot	Pogo Pin	12pin Pogo Pin x1
OTG cable	OTG cable	USB OTG to MICRO USB cable length:45mm
Power Adaptor	Standard	AC100V ~ 240V, 50Hz/60Hz output DC 5V/3A
Software Configuration		
Type	Details	Description
Operation System	OS version	Android 8.1
IP Ratings		
Type	Details	Description
Category	IP65	IPX7 Method name short time submerging test
Reliability		
Type	Details	Description
Product Reliability	Drop Height	1.2m composite wood floors, in operation status
	Operate temperature	-10 °C to 50 °C
	Store Temperature	-30 °C to 70 °C
	Humidity	95% Non-Condensing

Optionally request your accessory:



Hand strap



Docking station



Wall charger



Vehicle charger