



AUTOID[®] Pad Air-(Win)

SERIES TABLET

Product Specification



JIANGSU SEUIC TECHNOLOGY CO., LTD

AUTOID® Pad Air-(Win) PERFORMANCE CHARACTERISTICS

CPU	Intel Core M3-8100Y, 2-Core 4-thread, 1.1 GHz, maximum Core frequency 3.4 GHz/Intel UHD 615, basic frequency 300 MHz, maximum dynamic frequency 900 MHz
Operating System	Windows 10 enterprise 64 bit
Memory	
	8 GB (Samsung LPDDR31867 MHz)128 GB (Kingston Solid State Drive, customizable 256 GB)
Expansion Slot	Micro SD Card, SDXC support
	TYPE-C interface, support host charging, support USB3.0(down-compatible USB2.0) , Support DisplayPort, headphones, etc.
SIM	Support for Nano-SIM card
Keys	3 buttons (power, Volume +, -)
Display	10.1-inch full angle liquid crystal display, capacitive 10 touch, glove/water touch support
	Resolution 1920 × 1200, normal brightness (customizable bright 800nit)
Power	Bottom contact interface DC IN: Maximum Input Power 27W
	Non-removable 7.7 V lithium rechargeable battery Typical value: 5070mAh Rated 4920mAh
	USB TYPE-C interface for PD fast charging
Bottom Contact Extension	USB2.0,5V output, DC input, IO
Indicator	One Red and green: Red Charging Indicator, Green working status indicator.
	A red and blue light: Blue-LRB-reserved, red scanning indicator light.
Audio	Built-in stereo speaker, 4Ω2W * 2. Built-in dual microphones. Support for TYPEC digital headsets.
Sensors	Accelerometer, ambient light sensors
Hand strap	Standard fitting
Dimensions	258 * 173 * 10.8(12) mm
Weight (including standard battery)	690g (weight depending on configuration)

Operating Temperature	- 10 °C to + 50 °C
Storage Temperature	- 20 °C to + 60 °C
Humidity	5% to 95% RH without condensation
Sealing	IP65
Drop Specification	Multiple 1.2m drops to marble across the operating temperature range
ESD	± 15 kV air discharge, ± 8 kV direct discharge

AUTOID® Pad Air-(Win) DATA CAPTURE OPTIONS

Option 1	2D Image Scan Engine
Sensor Resolution	1280 * 800
Field of View	Horizontal 57.6, vertical 44.4
Resolution	5 mil
Led Supplementary Light Source	Color Temperature: 2700K; service life: accord to IESNA LM-80 compliant
Aimer	Graphics: Cross Laser Graphics
Laser Safety Grade	Class II
Code Support	1D: UPC/EAN, Code128, GS1-128, Code 39, Code 93, Interleaved 2OF 5, Codabar, etc. . 2D: PDF417, Micropdf417, Data Matrix, QR Code, MicroQR, etc. (depending on the software version)
Operating Temperature	0 °C to 50 °C
Illuminating Light Source	Optional White Standard Light Source
Image Frame Rate	60 fps
Recognition Accuracy	1D code: 3 mil QR code: 4 Mil
Option 2	GPS
Positioning	GPS + GLONASS +BDS + Galileo, QZSS, AGPS support
Mode of Operation	GPS main position, BDS, GLONASS, Galileo auxiliary position
Frequency	GPS: L1(1.575GHz) ; BDS: B1(1.561GHz) ; GLONASS: L1(1.602GHz)

Accuracy	5-10 meters
Option 3	Front Camera
Pixels	2 million pixels
Photo function	Fixed Focus
Option 4	Rear Camera
Pixels	8 million pixels
Photo function	Autofocus
Flash	Support flashlight
Option 5	RFID (HF)
Standards Support	Support ISO15693, ISO14443A/B (without encryption protocol) , ISO14443A with encryption protocol label (MIFARE ONE S50, S70 and compatible card) ;
Operating Frequency	HF band 13.56 MHz
Read Range	Reading distance 0-6cm (ISO15693), 0-4cm (ISO14443A/B)
Option 6	Fingerprint
Fingerprint	508DPI, 256 * 360pixels, fingerprint capture support, second generation card fingerprint module

1. AUTOID® Pad Air-(Win) WIRELESS DATA COMMUNICATION

Option 1	WLAN
Agreement	WIFI 6, IEEE 802.11 a/b/g/n/ac/ax (2.4 g/5G dual-band WIFI), 2X2 MIMO
Frequency Range	2.4 GHz: 2.412-2.472 GHz; 5G: 5.170-5.835 GHz, depending on the country
Working Channel	Ch1 ~ CH13, CH34-CH64, CH100 ~ 144, CH149 ~ CH165
Security	Open, WEP, WPA2-PSK (TKIP + AES) , EAP-TLS, EAP-TTLS/MS-CHAP V2, PEAPv0-MSCHAPv2, AES, etc. . Intel VPro Technology, Intel Active Management Technology
Transmission Distance	2.4G is farther than 250 m and 5G is farther than 200 m
Data Rate	802.11a: 6,9,12,18,24,36,48,54 Mbps 802.11b: 1,2,5.5,11 Mbps 802.11g: 6,9,12,18,24,36,48,54 Mbps

	802.11n: 6.5,13,19.5,26,39,52,58.5,65 Mbps (20 mhz, Long GI, 800 ns) 802.11n: 7.2,14.4,21.7,28.9,43.3,57.8,65,72.2 Mbps (20 mhz, short GI, 400 NS) 802.11ac: 20 MHz/40MHz/80MHz/160MHz MCS0 ~ MCS9 802.11ax: 20MHz/40MHz/80MHz/160MHz MCS0 ~ MCS11
Option 2	WWAN
Frequency Band	WCDMA: B1/B8 CDMA: BC0 TDD-LTE: B38/B39/B40/B41 FDD-LTE: B1/B3/B5/B8
Communication rate	LTE-FDD maximum download 150M, upload 50M LTE-TDD 130M download and 35M upload
Option 3	WPAN
Standards	Bluetooth 5.0(dual-mode, BLE supported)
Distance	Farther than 20 meters (industrial Bluetooth)

AUTOID® Pad Air-(Win) THIRD PARTY APPLICATION DEVELOPMENT SUPPORT

System Software	Windows 10
System Programming Environment	Visual Studio

AUTOID® Pad Air-(Win) ACCESSORIES

Standard	PD Adapter × 1, TYPE-C Cable × 1, Hand Belt× 1
Optional	Multifunctional Charger, Silicone Protective Cover, Screen Protector

