

AUTOID® Pad Air-(Win)

SERIES TABLET

Product Specification V1.5



JIANGSU SEUIC TECHNOLOGY CO., LTD

1. AUTOID® Pad Air-(Win) Performance Characteristics

CPU/GPU	Intel Celeron 3965Y, 2 Core 2 thread, 1.5 GHz/Intel HD 615, base frequency 300MHz, Max dynamic frequency 850MHz
	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 IoT Enterprise 64 bit
Memory	4 GB (LPDDR31867 MHz)/64 GB
	8 GB (LPDDR31867 MHz)/128 GB (Solid State Drive, 256 GB optional)
Interface	Micro SD Card, SDXC support
	TYPE-C interface, support host charging, support USB3.0(down-compatible USB2.0), Support DisplayPort, headphones, etc.
Buttons	3 buttons (power, volume +, -)
Display	10.1-inch full angle liquid crystal display, capacitive 10 touch, water touch support
	Resolution 1920 × 1200, normal brightness (800nit optional)
Power Supply	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 Interface	USB2.0, 5V output, DC input, IO
Light	Red for charging (breathing for low power)and green for fully charged. Blue (reserved) and red for scan indication.
Audio	Built-in stereo speaker, 4Ω 2W * 2, Built-in dual microphones, Support for TYPEC digital headsets.
Sensors	Accelerometer, ambient light sensors
Hand Strap	Standard
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	1.2 m to marble
ESD	± 15 kV air discharge, ± 8 kV direct discharge

2. AUTOID® Pad Air-(Win) Data Capture Options

Function 1	2D Image Scan Engine
Image Resolution	1280 * 800
Visual Angle	57.6 ° horizontally and 44.4 ° vertically
Resolution	5 mil (Code128)
Led Supplementary Light Source	Color Temperature: 2700K; service life: accord to LESNA LM-80 compliant
Aimer	Graphics: Cross Laser Graphics
Laser Level of Safety	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)
Image Frame	60 fps
Function 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)
Precision	5-10 meters
Function 3	Front Camera

Pixels	2 million pixels
Photo Function	Fixed Focus
Function 4	Rear Camera
Pixels	8 million pixels
Photo Function	Autofocus
Flashlight	Support flashlight
Function 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
Reading Distance	Reading distance 0-6cm (ISO15693), 0-4cm (ISO14443A/B)
Function 6	Fingerprint Capture (Optional)
Fingerprinting	508DPI, 256 * 360pixels, fingerprint capture support, second generation card fingerprint module

3. AUTOID® Pad Air-(Win) Wireless Data Communication

Function 1	WLAN
Agreement	WIFI 6, IEEE 802.11 a/b/g/n/ac/ax (2.4G/5G dual-band WIFI)2X2 MIMO
Frequency Range	2.4 GHz is usually 2.412-2.472 GHz and 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
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 (20MHz, 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
Function 2	Bluetooth
Standards	Bluetooth 5.0(dual-mode, BLE supported)
Distance	Farther than 20 meters (industrial Bluetooth)

4. AUTOID® Pad Air-(Win) Third Party App Development Support

System Software	Windows 10
System Programming Environment	Visual Studio

5. AUTOID® Pad Air-(Win) External Equipment and Accessories

Standard Accessories	PD adapter × 1, Double TYPEC data wire × 1, Hand Strap × 1
Optional Accessories	multifunctional charger, silicone protective cover, steel film, Shoulder Strap