AUTOID Pad Air 5G

All-in-one industrial design, stylish, lightweight, and slim

The ideal product combines consumer appeal with industrial protection. Displays colors with precision and delicacy on the 10.1-inch screen with 1080P resolution. It is equipped with a 2.2GHz octa-core processor that provides remarkable performance and efficiency, also as durable to sustained harsh environment.

Product Features

High-efficient data transmission and data processing

Upgrade 2.2GHz 7nm CPU, faster data and image/graphics processing ability, faster wireless connection, and faster and more stable data transmission
Bluetooth 5.0 can connect to Bluetooth peripherals, such as scanners, headphones, printers, and more, with twice the processor speed, four times the range, and lower power consumption than Bluetooth 4.0.

10140mAh battery can last all day

Battery work can last all day without charging. Power-saving technology combined with artificial intelligence offers more than 30% power savings with this lithium-ion battery. By using optional PD30W fast charging technology, the battery can be charged by 80% in 2 hours.

Specifications

Physical Characteristics	
Dimensions	10.1 in. L x 6.8 in. W x 0.5 in. H 258 mm L x 173 mm W x 11.6 mm H
Weight	25.9oz/735g, standard model, without fingerprint, normal brightness, without hand strap, including scan engine
Display	10.1–inch full view LCD display screen, capacitive 10 point touch, supporting glove mode, FHD (1920 x 1200) // optional with 800nits display
Touch Panel	Capacitive touch, support touch–with or without a thick glove/with dry or wet hand
Power	Bottom contact interface DC IN: Maximum 27W, non–removable 10140mAH rechargeable Li–ion battery Rating 9800mAh, Bottom contact interface: USB2.0, UART, DC input/output (maximum input power 18W), I/O
Expansion Slot	Micro SD Card, maximum no less than 128GB
Interface / Communication	TYPE–C interface (supporting USB2.0) Bottom contact interface: USB2.0, UART, DC input/output, I/O
Light	Three color light (red, green, blue). Scanning red light, Charging red light, Full charged green light, reserved blue light
Buttons	3 keys including power on/off, volume+ and Volume –
Voice and Audio	Built–in dual stereo speaker, 4Ω2W*2, built–in dual microphone, support Type–C digital headphone.
Scanning hand holder	Will support it in the future
Performance Characteristics	
CPU	Octa–Core 2.2GHz
Operating System	Android 12
Memory	RAM: LPDDR4X SDRAM 4GB (8GB compatible) ROM: 64GB UFS (Optional 128GB compatible)
User Environment	
Operating Temp.	–4℉ to 122℉/–20℃ to +50℃
Storage Temp.	Battery included: –4℉ to 140℉/–20℃ to +60℃
Humidity	5% to 95% RH non–condensing
Drop Spec.	3.9 ft./1.2 m drops to marble at room temperature
Sealing	IP65
Electrostatic Discharge (ESD)	±15kV air discharge, ±8kV direct discharge
Sensor	G–Sensor, L–Sensor, Eectronic compass, Gyroscope
Data Capture	
Scanning	Seuic 2D image scan engine
Camera	Front: 5 MP fixed focus Rear: 13 MP with PDAF, Support flashlight
NFC	Support ISO15693, ISO14443A/B (no encryption protocol), ISO14443A tag with encryption protocol (Mifare one S50, S70 and Other compatible); Support NFC protocol; Support for second–generation ID cards HF frequency band 13.56MHz; Reading distance 0~6cm (ISO15693), 0–4cm (ISO14443A/B)(varies by the labels)

Wireless Connectivity	
WLAN	
WLAN Radio	IEEE 802.11a/b/g/n/d/e/h/i/j/k/r/v/ac (2.4G/5G dual–frequency WIFI)
Data Rates	802.11a: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11b: 1, 2, 5.5, 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n:6.5, 13, 19.5, 26, 39, 52, 58.5, 65Mbps（20MHz, Long GI, 800ns) 802.11n: 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65,72.2Mbps（20MHz, short GI, 400ns) 802.11n：32.5 /65/97.5/130/195 /260/292.5/325 /390 /433.3Mbps（80MHZ， GI=400ns）
Working Channel	CH1~CH13, CH34~CH140, CH149~CH165
Security of WLAN	OPEN, WEP, WPA2–PSK(TKIP+AES), TLS, TTLS (MS–CHAP), TTLS (MS–CHAP v2), TTLS(CHAP), TTLSMD5, TTLS–PAP,PEAP–TLS,PEAP (MS–CHAP v2), AES etc.
WWAN	
WWAN Radio	GSM：B2/B3/B5/B8 TD–SCDMA：B34/B39 WCDMA: B1/B5/B8 TDD–LTE:B34/B38/B39/B40/B41 FDD–LTE:B1/B3/B5/B7/B8/B20/B28a&b NR: B1/B3/B28/B41/N77/N78/N79
Positioning	GPS+GLONASS+BeiDou，support AGPS; Frequency: GPS: L1(1.575GHz); Beidou Navigation: B1(1.561GHz); GLONASS: L1(1.602GHZ) Precision: 5–10meter(OPEN SKY)
WPAN	
Bluetooth	Bluetooth 5.0 Transmission >20m(industrial–grade Bluetooth)
Accessories	
Standard	Adapter ×1, USB cable ×1, Hand Strap ×1
Additional	Fast Charging Adapter, Dual Type–C Cable, Single–slot Charging Cradle, Multifunctional Single–slot Charging Cradle, Silicone Protective Case, Tempered Screen Protector, Shoulder Belt, Fixed Bracket, Multifunctional Docking,Stylus
Third Party Application Development Support	
System Software	Android 12.0
System Programming	Android Studio