



AUTOID Pad Air

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 Qualcomm 2.2GHz octa-core processor that provides remarkable performance and efficiency.



Product Features

-  **High-efficient data transmission**
Support 2×2 MIMO high-speed wireless network, 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 PD30W fast charging technology, the battery can be charged in 1.5 hours.

Specifications

| Physical Characteristics | |
|--------------------------------------|---|
| Dimensions | 10.1 in. L x 6.8 in. W x 0.4(0.5) in. H 258 mm L x 173 mm W x 10.8(12) mm H |
| Weight | 22.9oz/650g with standard battery |
| Display | 10.1 in. Full angle liquid crystal display, FHD (1920 x 1200) |
| 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, Micro USB and type-C interface, support QC3.0 PD charging, maximum power 18W. Max 9V |
| Expansion Slot | Micro SD Card, maximum 128GB SDHC compatible |
| Interface/Communication | Type-C interface, Micro USB 3.0 interface as standard, USB2.0 compatible, support Display port, heard-phone and main device charging. Nano SIM Card, TF Card Bottom interface: USB2.0, UART, 5V output, DC charging, IO |
| Light | Red for charging (breathing for low power) and green for fully charged. Blue for new message (breathing) and red for scan indication. |
| 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 | Optional sku with Expansion Back Rotatable Scanning Hand Holder |
| Performance Characteristics | |
| CPU | Qualcomm Octa-Core 2.2GHz |
| Operating System | Android 9.0 |
| Memory | RAM: LPDDR4 x 1866MHz 4GB (6GB compatible) ROM: 64GB (Optional 128GB compatible) |
| User Environment | |
| Operating Temp. | 14 °F to 122 °F/-10 °C to +50 °C |
| Storage Temp. | Battery included: -4 °F to 140 °F/-20 °C to +60 °C |
| Humidity | 5% to 95% RH non-condensing |
| Drop Spec. | 3.9 ft./1.2 m drops to concrete at room temperature |
| Sealing | IP65 |
| Electrostatic Discharge (ESD) | ±15 kV air discharge, ±8 kV direct discharge |
| Sensor | Acceleration sensor, optical sensor, electronic compass and gyroscope |
| Data Capture | |
| Scanning | Seuic 2D image scan engine |
| Camera | Front: 8 MP fixed focus Rear: 13 MP autofocus 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; 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/ac (2.4G/5G dual-frequency WIFI) 2X2 MIMO |
| 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) |
| 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: 850/900/1800/1900 TD-SCDMA: B34/B39 WCDMA: B1/B2/B5/B8 CDMA: BC0 TDD-LTE: B34/B38/B39/B40/B41 FDD-LTE: B1/B3/B5/B7/B8 Band B1+B3 download, and B39+B41 upload. |
| Positioning | GPS+GLONASS+ BeiDou + Galileo, QZSS, SBAS, 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 (Dual mode, support BLE) Transmission >20m (industrial-grade Bluetooth) |
| Accessories | |
| Standard | PD adapter × 1, Dual Type-C data cable × 1, Hand Strap × 1 |
| Additional | Charging base, Multifunctional cradle, silicone protective cover, toughened film, Shoulder Strap, screen Bracket, Docking station and Connecting rod for fixed mounting |
| Third Party Application Development Support | |
| System Software | Android 9.0 |
| System Programming | Android Studio |