ENGONUS
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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.

Website:
engonus.es

Service Mail
info@engonus.es

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