ENGONUS

AUTOID10 DPM

DPM Mobile Terminal Designed For Industrial Use

Android Enterprise Recommended ✓

A new platform will combine powerful "Core" capabilities with fast and accurate AI scanning. Design the battery back cover so that it is easy to replace battery. When it comes with a special designed diffuse light cover, and can intelligently adjust the lighting mode, it makes the DPM reading ability to a unparalleled level, it greatly improve the reading ability on reading laser engraved code on PCB and metal, low contrast, dot peen, uneven code on curved, reflective or colored background, also can reading invisible code, Furthermore, It's designed to enhance human-computer interactions in several ways, including more precise reminders and a more intuitive terminal operation.

Product Features

📶 **Wi-Fi6 Ready technology**
Utilize the cutting-edge technology "WELL WiFi" [1] and Wi-Fi6 ready that achieve reliable and fast digitalization, text, picture, and video transmissions, effectively reducing equipment power consumption, ensuring information security, and reducing customer network deployment costs.

"WELL WiFi" [1]: is SEUIC self - developed technology, including WiFi Enhanced Technology /Low latency/ Low Packet Lost and other technologies

🔋 **Having a long standby battery**
It's a real challenge to sustain the continuous operation strength for two shifts for the frontline team. Using a 5360mAh high-capacity battery and AI with Power Saving Technology, an effective 25% power saving is achieved.

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Specifications

Physical Characteristics	
Dimensions	7.6 in. L x 3.0 in. W x 2.7 in. H 193.54 mm L x 77.21 mm W x 68.89 mm H
Weight	12.1oz./343g (include battery, varies by different configurations)
Display	4.0 in. WVGA (800 x 480);
Touch Panel	Industrial grade low temperature resistant IPS screen, Capacitive, touchable, dual mode touch-with or without a thick glove/with or without wet hand
Power	Optional detachable 3.85V rechargeable 5360mAh Li-ion battery (built-in backup li-ion battery of 50mAh 16C) Side Type-C interface, support quick charge, intelligent identification of PC and charger, support 18W fast charge End interface: support 5V/2V charging
Expansion Slot	Micro SD Card, 128GB SDHC compatible
Interface/ Communication	Support Type-C, support OTG
Notifications	Sound, vibrator, LED light indication
Keypad	27 keys : Front key*24, Side scan key*2, PTT key*1 (inner light-transmitting industrial IMD keyboard), LED (buttons with backlight)
Voice and Audio	Built-in single loudspeaker, built-in dual microphone, Type-C support earphone

Performance Characteristics	
CPU	Qualcomm Octa-core 2.0GHz
Operating System	Android 11, GMS with AER
Memory	4GB LPDDR4 RAM/64GB UFS2.1 ROM

User Environment	
Operating Temp.	-4 °F to 122 °F/-20 °C to +50 °C
Storage Temp.	-40 °F to 158 °F/-40 °C to +70 °C
Humidity	5% to 95%, non-condensing
Drop Spec.	Multiple 4.9 ft./1.5m drops to marble across the operating temperature range
Tumble Spec.	500 rounds of tumble from 1.6 ft./0.5 m equals to 1000 impacts
Sealing	IP65
Electrostatic Discharge (ESD)	±15 kV air discharge, ±8 kV direct discharge
Sensor	Optical sensor, Proximity sensor, Gravity sensor, Gyroscope, E-compass

Data Capture	
Scanning	DP and HDP Scan engine

Wireless Connectivity	

WLAN	
WLAN Radio	IEEE 802.11a/b/g/n/ac/ax ready (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: 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:13.5,27,40.5,54,81,108,121.5,135Mbps(40MHz,Long GI,800ns) 802.11n:15,30,45,60,90,120,135,150Mbps(40MHz,short GI,400ns) 802.11ac:6.5,13,19.5,26,39,52,58.5,65,78Mbps(20Mhz,Long GI,800ns 802.11ac:7.2,14.4,21.7,28.9,43.3,57.8,65,72.2,86.7(20MHz,short GI,400ns) 802.11ac:13.5,27,40.5,5481,108,121.5,135,162,180Mbps(40Mhz,Long GI,800ns 802.11ac:15,30,45,60,90,120,135,150,180,200Mbps(40MHz,short GI,400ns) 802.11ac:29.3,58.5,87.8,117,175.5,234,263.3,292.5,351,390Mbps(80Mhz,Long GI,800ns 802.11ac:32.5,65,97.5,130,195,260,292.5,325,390,433.3Mbps (80MHz,short GI,400ns)
Working Channel	CH1-CH13,CH34-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：Qual Band(850/900/1800/1900Mhz) TD-SCDMA：Band34,Band39 WCDMA：Band1，Band2，Band5，Band8 CDMA 1x /EVDO ：BC0 TDD-LTE ： B34 、 Band38 ， Band39 ， Band40 ， Band41(100MHZ) FDD-LTE：Band1，Band3，Band 5，Band7，Band 8，Band 20,Band28 CA（DL） B1+B3,B39+B41
GPS	GPS + Beidou + GLONASS (Three in one), Galileo GPS: L1(1.575GHz)+L5(1.176GHz); Beidou: B1(1.561GHz); GLONASS: L1(1.602GHz)

WPAN	
Bluetooth	Bluetooth 5.1 (Support BLE）

Accessories	
Standard	Universal Adapter×1, USB Cable×1, Battery×1, Hand Belt×1
Additional	4-Slot battery charger, Single device charging cradle with one spare battery charging slot, 5-slot charging cradle, Tempered glass screen protector, Hand Belt

Third Party Application Development Support	
System Software	Android 11
System Programming	Eclipse, Android Studio

Environme		nt	