Seuic

10" 5G Rugged Tablet

AUTOID Pad Air 5G Pro



Octa-core 2.6 GHz Processor | Wi-Fi 6

New AUTOID Pad Air 5G Pro Rugged Tablet

Comparison Items	AUTOID Pad Air 5G	AUTOID Pad Air 5G Pro	Key Upgrades
Processor Platform	Octa-Core 2.2GHz	Octa-Core 2.6GHz	• AnTuTu score increased **from 370K to 620K+** • Smooth multitasking with zero lag
Operating System	Android 12	Android 16	• **20% lower** CPU power consumption & longer lifecycle • Enhanced Security Protection
Wireless Connectivity	WiFi 5	WiFi 6	• **40%** higher peak speed with latency as low as **20ms** • Stable multi-device connectivity in industrial environments
Scan Engine	Standard Scan Engine	High-Speed Scan Engine	• **Upgraded decoding performance** for damaged, curved & DPM barcodes
Image Capture	13MP Rear Camera	16MP Rear Camera	• **Higher-resolution imaging** for clearer inspections and documents
Standalone BeiDou Positioning	Not Supported	Supported (Optional)	• **Secure, Independent Positioning** for Critical Operations & enhanced data security

Application Scenarios



Manufacturing
Quality Inspection/
Process Guidance/
Production Visualization



Retail
Store Operations/
Assisted Selling/
Inventory Management



Logistics
Fleet Dispatch/
Route Optimization/
Sorting Center Operations



Public Utilities
Airport Ground Operations/
Rail Inspection/ Meter
Reading & Replacement

AUTOID Pad Air 5G Pro Specifications

Physical Characteristics

Dimensions	258×173×11.6mm
Weight	735g (standard configuration, without fingerprint, without hand strap, with scanner)
Display	10.1-inch full-view LCD, capacitive 10-point touch, supports glove mode
	Resolution: 1920×1200 Optional: 800 nits high-brightness panel
SIM card & Expansion Slot	Single nano-SIM + single TF card slot
	Micro SD Card, supports up to 128GB
Interfaces/ Communication	Type-C interface (supports USB 2.0), supports PD charging (27W)
	Bottom pogo-pin connector: USB 2.0, UART, DC input/output (max. 18W input), I/O)
LED Indicator	Tri-color LED (red/green/blue); scan indicator: red (shared with tri-color LED); charging: red; fully charged: green; blue: reserved
Buttons	3 keys (Power, Volume+/ -)
Speaker	Built-in stereo speakers, 4Ω 2W × 2
Microphone	Built-in dual microphone, supports Type-C digital earphone, supports Type-C analog headset

Performance

CPU	MTK Octa-core 2.6 GHz
Operating System	Android 16
RAM+ROM	LPDDR5 + UFS3.1 Standard: 6 GB RAM + 128 GB ROM Optional: 8 GB RAM + 128 GB ROM

User Environment

Operating temperature	-20°C to +50°C
Storage Temperature	-20°C to +60°C
Humidity	5% to 95% RH, non-condensing
Drop Specification	1.2 m onto smooth marble (0.8m onto smooth marble for pistol-grip model)
Sealing	IP65
Vibration Resistance	YD/T 1539
ESD	±15kV Air discharge, ±8kV direct discharge

Battery

Battery	Type: Non-removable Lithium-ion rechargeable battery Typical capacity: 10300mAh Rated capacity: 10000mAh

Sensors

Sensors	G-Sensor, Ambient Light Sensor, Electronic compass, Gyroscope
Vibration	Vibrator motor

Data Capture Specifications

Function 1	**2D Image Scan Engine**
Image Resolution	1280 × 800 pixels
Field of View	Horizontal: 42°, Vertical: 26.8°
LED Illumination	Color temperature: 2700K; uniform warm-white illumination; lifetime per IESNA LM-80
Laser Safety Class	Class II
Frame Rate	60fps
Scan Depth	20mil C128: 65mm to 640mm
Supported Barcodes	1D: UPC/EAN, UPC/EAN, Code128, GS1-128, Code 39, Code 32, Code 93, Code11, Matrix 2 of 5, Interleaved 2 of 5, IATA 2 of 5, Industrial2 of 5, Codabar, MSI etc. 2D: PDF417, MicroPDF417, Data Matrix, Maxicode, QR Code, MicroQR, Aztec etc.

Function 2	**GNSS Location**
Positioning Systems	GPS+GLONASS+ BeiDou, support AGPS，support single Beidou
Operating Mode	GPS primary positioning, with GLONASS and BeiDou as auxiliary
Frequency & Accuracy	GPS: L1 (1.575 GHz); BeiDou: B1 (1.561 GHz); GLONASS: L1 (1.602 GHz)　Accuracy: 5–10 m
Function 3	**Front Camera**
Resolution	5 MP
Focus	Fixed focus
Function 4	**Rear Camera**
Resolution	16 MP
Focus	Phase Detection Auto Focus (PDAF)
Flashlight	Supported
Function 5	**HF RFID / NFC**
Supported Tags	Support ISO15693, ISO14443A/B (non-encrypted protocols), ISO14443A with encryption (Mifare S50, S70 and compatible cards); supports NFC protocol; supports ID card reading
Operating Frequency	13.56MHz (HF band)
Read Range	0~6cm (ISO15693), 0-4cm(ISO14443A/B) (tag-dependent)
Function 6 (Optional)	**Fingerprint Sensor**
Fingerprint Capture	Supports live fingerprint capture; second-generation ID card fingerprint module

Wireless Data Communication Specifications

Function 1	**WLAN**
Protocol	802.11a/b/g/n/ac/ax
Frequency Band	Dual-band 2.4 GHz / 5 GHz, Wi-Fi 6, 2×2 MIMO
Working Channels	2.4 GHz: CH1–14 5 GHz: UNII-1 (36–48), UNII-2 DFS channels, UNII-2a (52–64), UNII-2c (100–144), UNII-3 (149–165)
Security	Support WPA2 -Personal，WPA2 -Enterprise，EAP-TLS，EAP-TTLS/MSCHAPv2，PEAPv0/EAP-MSCHAPv2，PEAPv1/EAP-GTC，EAP-SIM，EAP-AKA，EAP-AKA Prime
Transmission Range	2.4G: > 250 m, 5 G: > 200 m (with industrial AP, in open area)
Function 2	**WWAN**
Network Modes	GSM\WCDMA\LTE\5G
Frequency Bands	GSM：Qual Band(850/900/1800/1900Mhz) TD-SCDMA：NO WCDMA：Band1，Band2，Band5，Band8 CDMA 1x /EVDO：BC0 TDD-LTE：Band34，Band38，Band39，Band40，Band41，Band42 FDD-LTE：Band1，Band3，Band 5，Band7，Band 8，Band18，Band19，Band20，Band28 5G: n1/n3/n5/n7/n8/n20/n28/n38/n40/n41/n77/n78/n79
Function 3	**Bluetooth**
Standard	Bluetooth 5.2 (dual-mode, supports BLE)
Range	>20m

Third-Party Application Development Support

Development environment	
System Software	Android 16
Programming Environment	Eclipse, Android Studio

External Devices & Accessories

Standard Accessories	Power Adapter、Data Cable、Hand Strap
Optional Accessories	PD Fast Charger、Dual Type-C Data Cable、Single-Device Charging Cradle、Multi-Function Single-Device Charging Cradle、Silicone Protective Case、Tempered Glass Screen Protector、Shoulder Strap/ Folio Case、VESA Mounting Kit、Multi-Function Docking Station、Stylus Pen

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