RT-I16J

10.1" Rugged Windows Tablet

Model specifications



Display: 10.1-inch
Operating system: Windows 11 Home
Protection: IP65
Battery: Removable battery, 5,000 mAh / 7.6 V

Product Form

Specification	Standard	Optional
Product Form	10.1" Rugged Windows Tablet	
Dimensions	280.4 × 187 × 26.6 mm	
Weight	Approx. 1,014 g (bare unit)	
Screen size	10.1 in	
Resolution	1200 × 1920	
Brightness	400 nits	
Touch Panel	10-point capacitive touch, G+G, hardness 7H+, scratch-resistant	SLR sunlight-readable film, stylus
Battery	Removable lithium-polymer battery, 5,000 mAh / 7.6 V	
Camera	Front 5 MP (MIPI); rear 8 MP (MIPI)	
Speaker / Microphone	Built-in 8 Ω/1 W waterproof BOX speaker × 1; Mic sensitivity: -42 dB, output impedance 2.2 kΩ	

Hardware Configuration

Specification	Standard	Optional
CPU	Intel Celeron N5100 processor, 4-core 4-thread, embedded 4 MB Smart Cache, TDP 6 W, max frequency 2.8 GHz	
GPU	Intel® HD Graphics Gen 11 LP	
RAM	8 GB DDR	4 GB
Storage	128 GB eMMC	64 GB/Compatible 128 GB/256 GB
Gravity sensor	Supported	

System

Specification	Standard	Optional
Operating System	Windows 11 Home	Windows 11 Pro/IoT; Windows 10 Pro/Home/IoT

Wireless Connection

Specification	Standard	Optional
Wi-Fi	Wi-Fi 802.11 (a/b/g/n/ac); 2.4 GHz / 5.8 GHz dual-band Intel 9461	
Bluetooth	Bluetooth 5.1 (BLE)	
Cellular network	LTE FDD: B1/B3/B5/B7/B8/B20; LTE TDD: B40; WCDMA: B1/B5/B8; GSM: B3/B5	MeiG North/South America Module
GNSS	supports GPS, GLONASS	
NFC		NXP300; NXP NFC 13.56 MHz; supports ISO/IEC 14443 A/14443 B/15693/18092/mifare Protocol; stated reading distance: 4 cm

Data Collection

Specification	Standard	Optional
Barcode scanning		MOTO SE655
2D barcode scanning		Honeywell N3680 TTL hardware decode

Interfaces

Specification	Value
USB Interfaces	USB 3.0 × 1
Earphone Jack	Ø3.5 mm audio jack × 1
Memory card	1 memory-card slot, Max: 512 GB
SIM Card	1 SIM slot
HDMI	HDMI 2.0a mini × 1
DC Interfaces	DC 12 V 4 A Ø4.0 mm power supply interface × 1
POGO PIN	12-pin pogo connector × 1
DB9 Interfaces	DB9 Serial Port × 1 (RS232) TTL level
RJ45 Interfaces	RJ45 Ethernet × 1 (10/100 Adaptive)
Type C Interfaces	Type-C × 1 (USB 3.0/HDMI/Charging)

Other

Specification	Standard	Optional
Power Supply	AC 100 V ~ 240 V 50 Hz/60 Hz Output: DC 12 V 4 A	US plug, EU plug, CN plug
Protection and standards	IP65; MIL-STD-810G; CE; CCC; FCC; UN38.3; MSDS; IEC 62133	
Accessories	Strap, Handle, 12 V / 4 A Adapter	Charging Dock, Vehicle-mounted Bracket , Car Charger, Leather Case, Shoulder Strap, Removable Battery, 4-Bay Charger RT-ACC-MDC16J

Specifications vary by configuration and region. Confirm the exact configuration in your quotation.