RT-I61J

6.5" Rugged Windows Handheld

Standard and optional configurations



- Windows 11 standard; Windows 10 optional
- 6.5-inch fully laminated TFT display
- Removable 7.4 V / 4,000 mAh battery
- 2D barcode scanning and NFC

Product Form

Specification	Standard	Optional
Product Form	Rugged Windows handheld	
Dimensions	183.1 × 88.6 × 24.1 mm	
Weight	470 g (bare unit)	
Screen size	6.5 in, 20:9, fully laminated TFT display with a waterdrop notch	
Resolution	720 × 1600	
Brightness	400 nits	
Touch Panel	10-point capacitive touch, G+FF, Corning Gorilla Glass, hardness 6H or higher, scratch-resistant	
Battery	Removable lithium-polymer battery, 7.4 V / 4,000 mAh	
Battery runtime	Approx. 6 hours playing 1080p HD video at 50% volume and 50% screen brightness	
Camera	Front 5 MP; rear 8 MP with autofocus and flash	
Speaker / Microphone	7 Ω / 1 W speaker × 1, 95 dB at 0.1 m; microphone × 1	
Keys	Power key × 1; volume up/down keys; scan keys × 2 (one on each side)	

Hardware Configuration

Specification	Standard	Optional
CPU	Intel Jasper Lake N5100 processor	
GPU	Intel UHD Graphics 620	
RAM	8 GB LPDDR4	
Storage	128 GB eMMC	
Gravity sensor	Supported	
Flash	Supported	

System

Specification	Standard	Optional
Operating System	Windows 11	Windows 10

Wireless Connection

Specification	Standard	Optional
Wi-Fi	802.11a/b/g/n/ac, dual-band 2.4 GHz / 5.8 GHz	
Bluetooth	Bluetooth 5.0 (BLE), Class 1; stated distance greater than 10 m	
Cellular network	750-VE: LTE FDD B1/B3/B7/B8/B20; LTE TDD B40; WCDMA B1/B5/B8; GSM 900/1800 MHz. Listed markets: China, Europe, Middle East, Africa, Taiwan and Japan.	750-VA: LTE FDD B2/B4/B5/B12/B13/B17/B18/B25/B26; LTE TDD B41; WCDMA B2/B4/B5; CDMA/EVDO BC0/BC1; GSM 850/1900 MHz. 750-VSA: LTE FDD B2/B4/B5/B7/B8/B28; LTE TDD B40; WCDMA B2/B5/B8; GSM 850/900/1900 MHz
GNSS	GPS and GLONASS	
NFC	13.56 MHz; ISO/IEC 14443 A/B, ISO 15693, ISO 18092 and MIFARE; stated reading distance 3–5 cm	

Data Collection

Specification	Standard	Optional
Barcode scanning	2D barcode module, 30 scans/s; PDF417, MicroPDF417, inverse Data Matrix, MaxiCode, QR Code, Micro QR, inverse QR, inverse Aztec and inverse Han Xin	

Interfaces

Specification	Standard	Optional
USB Interfaces	USB 3.0 Type-A (data) × 1	
Memory card	microSD (TF) slot × 1, up to 512 GB	
SIM Card	Nano-SIM slot × 1	
POGO PIN	Pogo connector for the DC61J dock × 1	
Type C Interfaces	USB 2.0 Type-C (OTG data) × 1	

Other

Specification	Standard	Optional
Power Supply	PD fast-charging adapter	
Protection Rating	IP65	
Drop	1.5 m onto composite wood flooring, powered on	
Operating Temperature	−20 °C to 60 °C	
Storage Temperature	−30 °C to 70 °C	
Humidity	95% RH, non-condensing	
Accessories	PD fast-charging adapter, USB-C to USB-C data cable, hand strap	DC61J charging dock, vehicle mount with handheld clip, tempered glass film

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