RT-V10J

10.1" Windows Vehicle-Mounted Tablet

Model specifications



Display: 10.1-inch
Operating system: Windows 11 Home
Protection: IP65
Processor: Intel Celeron N5100

Product Form

Specification	Standard	Optional
Product Form	10.1" Windows Vehicle-Mounted Tablet	
Dimensions	264.5 × 184.1 × 23.0 mm	
Weight	834 g	
Screen size	10.1 in	
Resolution	800 × 1280	
Brightness	1,000 nits	
Touch Panel	10-point capacitive touchscreen	
Battery		Built-in lithium-polymer battery, 7.4 V / 1,000 mAh
Speaker	2.5 W/4 Ω Speaker × 1	
Microphone	MIC × 1	
Real-time Clock	RTC	
Keys	Power key; four user-definable keys	
Indicator	LED indicator × 3	

Hardware Configuration

Specification	Value
CPU	Intel Celeron N5100
GPU	Intel® HD Graphics Gen 11 LP
RAM	LPDDR3 (8 GB)
Storage	eMMC (128 GB)

System

Specification	Standard	Optional
Operating System	Windows 11 Home	Windows 11 Pro

Wireless Connection

Specification	Standard	Optional
Wi-Fi	Wi-Fi 5	
Bluetooth	Bluetooth 5.1	
Cellular network		LTE FDD: B1/B3/B5/B7/B8/B20; LTE-TDD B40 WCDMA: B1/B5/B8; GSM: 900/1800
GNSS	Supported	
NFC		13.56 MHz NFC reader

Interfaces

Specification	Standard	Optional
Card Slot	SIM × 1	
DC input	M12-8 (Input: 12~24 V)	
USB	USB 3.0 (Type-A)	
Expansion port 1		Gigabit Ethernet
Expansion port 2		RS232 × 1+RS232/RS485 × 1
Expansion port 3		USB 2.0 × 3/USB 2.0 × 2+CAN × 1

Rugged Features

Specification	Value
Operating Temperature	-20 °C to 60 °C (without battery); -10 °C to 60 °C (battery)
Storage Temperature	-30 °C to 70 °C
Electrostatic discharge	±8 kV contact discharge; ±15 kV air discharge
Humidity	95% RH (non-condensing)

Other

Specification	Standard	Optional
Protection and standards	IP65; MIL-STD-810H; CE; CCC; FCC	
Accessories	Wi-Fi Rod Antenna, GPS vehicle-mounted antenna, Power Adapter Cable (8-pin aviation Plug to φ5.5 Power Port)	4G Rod Antenna, Cigarette Lighter Adapter, Power Adapter Cable, Wide Voltage Module (9-36 V, 20-80 V), Vesa, RAM, Function Adapter Cable (12-pin to USB 2.0 × 2+USB 2.0 × 1 (Default)/CAN × 1), Function Adapter Cable (12-pin to full-function RS232 power cable+RS485 communication), Function Adapter Cable (12-pin to full-function RS232 power cable+RS232 communication), Function Adapter Cable (12-pin to Gigabit RJ45), Function Adapter Cable (12-pin to 12 loose wires 1.2 m for custom wiring), 8-pin power Cable to 4 loose wires (6 m) for custom wiring; GPS Rod Antenna

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