RT-V82T

8" Android Vehicle-Mounted Tablet

Model specifications



Display: 8-inch
Operating system: Android 14 (GMS)
Protection: IP65
Battery: 3.8 V/5000 mAh battery

Product Form

Specification	Value
Product Form	8" Android Vehicle-Mounted Tablet
Dimensions	237.6 × 148.93 × 23.13 mm
Screen size	8 in
Resolution	HD 800 × 1280
Brightness	700 nits
Touch Panel	5-point capacitive multitouch
Battery	3.8 V/5000 mAh lithium-polymer battery
Speaker	1 W/8 Ω Speaker × 1
Microphone	MIC × 1
Keys	Power key; volume up/down keys; four user-definable keys
Indicator	LED indicator × 1

Hardware Configuration

Specification	Value
CPU	MediaTek MT6789
GPU	Mali-G57 MC2
RAM	4 GB LPDDR4X-4266
Storage	64 GB uMCP 2.2

System

Specification	Value
Operating System	Android 14 (GMS)

Wireless Connection

Specification	Value
Wi-Fi	Wi-Fi 5
Bluetooth	Bluetooth 5.2
Cellular network	GSM: B2/3/5/8; WCDMA: B1/2/5/8; TDD: B38/39/40; FDD: B1/2/3/4/5/7/8/17/20/28a/28b
GNSS	GNSS; supports GPS / BeiDou/Galileo/GLONASS/QZSS
NFC	Front NFC; Supported Protocols: supports ISO/IEC 14443 A/14443 B/15693 Protocol; Reading Distance: 0-4 cm

Interfaces

Specification	Standard	Optional
Card Slot	microSD + nano-SIM × 1	
DC input		Vehicle cradle: Phoenix terminal or expansion input 6–36 V with ACC; 4.0 mm DC input 6–36 V
USB	USB 2.0 (Type-A); USB 2.0 (Type-C)	
Expansion port 1		Vehicle cradle: 3.5 mm audio jack, 4.0 mm DC input and Phoenix connector; GNSS SMA connector optional with cradle GNSS module
Expansion port 3		Vehicle cradle expansion harness: 6–36 V power with ACC; RS232 (3-pin) × 1; AHD input (720P / 1080P) × 1; USB 2.0 Type-A × 1

Rugged Features

Specification	Value
Operating Temperature	-20 °C to 60 °C (-4°F~140°F)
Storage Temperature	-30 °C to 70 °C (-22°F~158°F)
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; ISO 16750; ISO 7637-2	
Accessories	Power adapter; USB-A to USB-C cable	Screen film

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