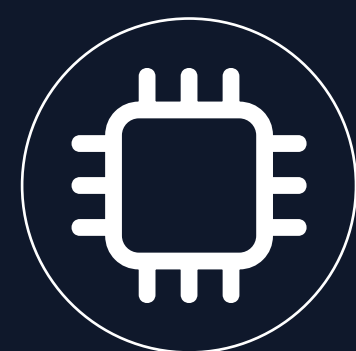


Vehicle PC

V12R (Linux version)

- Equipped with Rockchip RK3568 Processor, low-power consumption;
- Debian 11 operating system, compatible with a variety of applications;
- Standard WIFI 5, BT5.0, optional 4G and data radio communication modules;
- Peak brightness up to 700 nits, offering unparalleled clarity in bright outdoors;
- GPS/GLONASS/Beidou and RTK high-precision positioning systems are available;
- Multiple interface options covering AHD/TNC/SMA/Deutsch interfaces;
- Supports 6V to 36V wide voltage input, catering to diverse vehicle charging needs;
- IP65-rating, compliant with ISO16750 road vehicle performance testing standards.



RK3568



Debian 11



10.1-inch screen



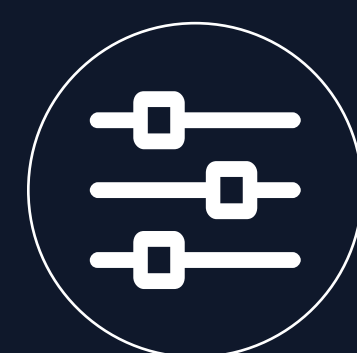
700cd/m² Brightness



Dual-band
WiFi 5



GPS/GLONASS/
Beidou/RTK



Rich interface
extensions



IP65

Vehicle PC V12R

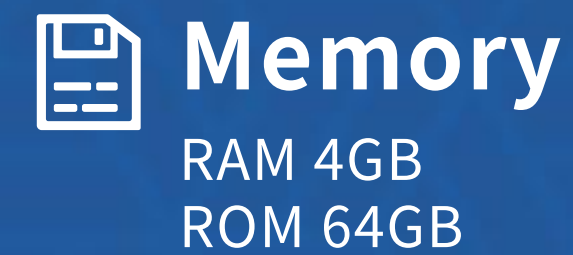
Specifications



CPU
RK3568



Operating System
Debian 11



Memory
RAM 4GB
ROM 64GB



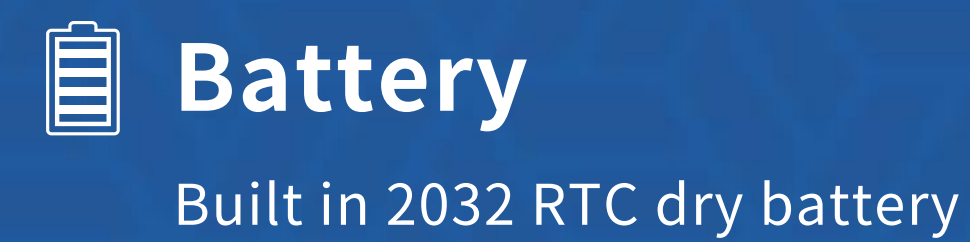
Display
Type: HD
Size: 10.1 inch 16:10
Resolution: 1280*800 IPS
Brightness: 700cd/m²
Optional:
LVDS 10.1 Landscape screen
Resolution: 1024*600dpi
Brightnes: 750/m²



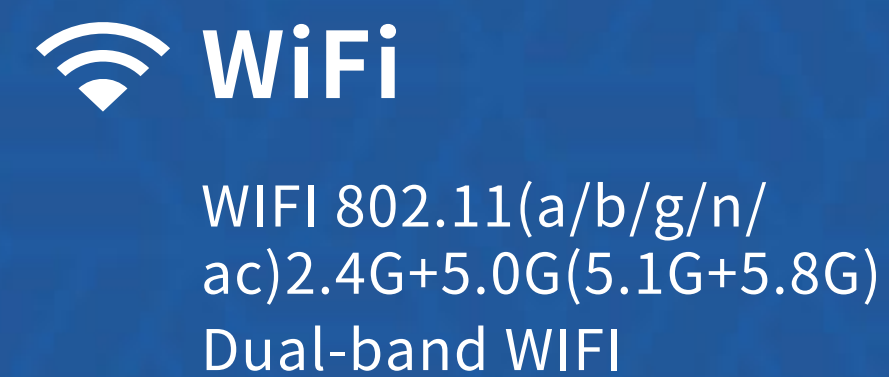
Touch Pannel
5 points Capacitive



Dimension
282*181*31 mm



Battery
Built in 2032 RTC dry battery



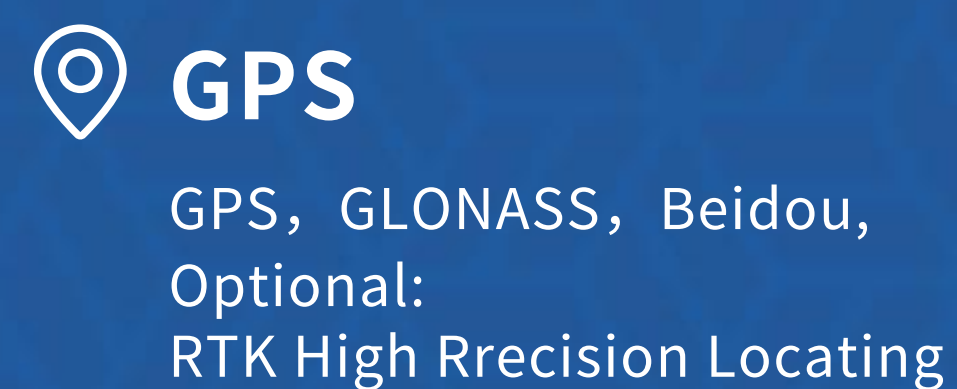
WiFi
WIFI 802.11(a/b/g/n/
ac)2.4G+5.0G(5.1G+5.8G)
Dual-band WIFI



Bluetooth
BT 5.0



Internet(Optional)
4G



GPS
GPS, GLONASS, Beidou,
Optional:
RTK High Rrecision Locating



Data Radio(Optional)
Frequency range: 410-470MHz



I/O Interface

SIM Card Slot: MICRO-SIM *1
TF Card Slot: MICRO-SD *1
Standard USB-A Port / Data Transfer:
USB 2.0 *1, USB A Port,
HOST Data Transfer
Video Input:
AHD *4, GX12 4-Pin Connector*4
Antenna Interfaces (Optional):
TNC *2, SMA *2
26-PIN Deutsch Interfaces (Optional in
the Solution)



Rugged Features

Working temperature: IP65
-20 °C to 60 °C,Optional -30°C to 70°C(LVDS)
Storage temperature:
-30 °C to 85 °C,Optional -40 °C to 85 °C(LVDS)
±6kV contact discharge
±10kV air discharge
Optional:
±8kV contact discharge
±12kV air discharge Humidity:
95% Non-Condensing



Certification

Vehicle PC V12R

Product Six Views



Accessories(Optional)



12V/4A Adapter



GPS Vehicle Mushroom Antenna



26-PIN Deutsch Interface Functional Bus



DC Patch Cord



ACC Power Cord



4G External Suction Cup Antenna



Data Radio External Suction Cup Antenna



RTK Mushroom Antenna (TNC Connector)

* The technical specifications of this product are subject to change without prior notice