



APOLLO X

- **12.1" High Brightness Display**
- **Octa-core Powerful CPU, GPU Supports OpenGLS 3.1**
- **IP65 Sealing Level Design**
- **Supports 250K/500K CANbus (J1939, CANopen, ISO15765)**
- **9-36V Wide Voltage Input, Supports Ignition Detection**
- **Super Capacitor Design Provides Power-off Protection**
- **Reserved Space for Function Extension**
- **Automatic Brightness Optimization**



OpenGLS 3.1



IP65



High Brightness
Screen



CANbus



Function
Extension



DS/DS2



Lightbar

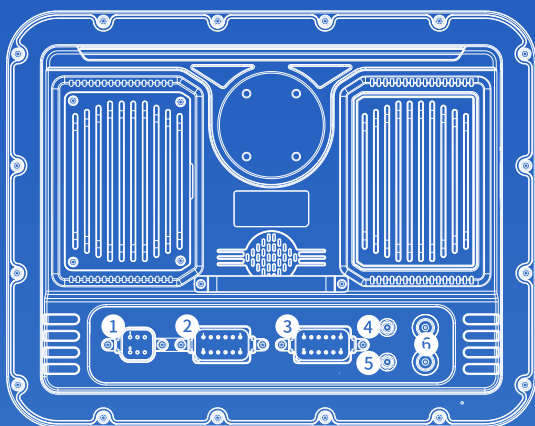


CP DEVICE

Product Specs

System	Octa-core, 1.8 GHz 2G RAM 16G ROM, support 256G TF extension Android 9.0
Communi-cation	2.4GHz/5.8GHz Wifi, IEEE 802.11 a/b/g/n/ac, Supports WiFi Shared Hotspot BT2.1+EDR/3.0/4.1LE/4.2BLE 4G/LTE (Dual SIM Optional) GNSS (GPS/BDS/GLONASS), Optional Centi-meter Level GNSS OEM Board, Optional Interial Navigation Module Built-in MIC (Optional) Built-in Speaker
Rugged Feature	IP65 Vibration & Shock: MIL-STD-810 Road Vehicle Standard: ISO16750 Humidity 95%, Non-condensing Operation Temperature: -20°C ~+70°C Storage Temperature: -40°C ~+85°C
Function Customization	Reserved space for function extention

Display	12.1", 1024*768p, 750cd/m ² 5-Points Capacitive Multi-touch Screen
I/O Interface	RS-232*2 RS-485*1 CAN*1 or 2 (Supports J1939, CANopen, ISO15765) DI*2, DO*2 USB 2.0*1 720p*4/1080p*2 AHD Camera 12V DC OUT*2 Ethernet*1
Power Management	9-36V DC Input Ignition Control
Mechanical Spec	Dimension (W*H*D): 320*252*45.3mm Weight: 2.85kg Aluminum Alloy Rear Cover
Connector Type	Standard industry waterproof connector (3 types of Pin definition) SMA Female Connector*2 (GNSS&4G) TNC Female Connector*2 (GNSS)
Button	Power Key*1, Function Key*3
Sensors	Light Sensor



- 1 720p*4, 1080p*2 AHD Camera
- 2 RS232*2
Power Supply (ACC, GND, B+)
CAN*1
DI*1
- 3 RS485*1
Audio-out*1
12V Power Out*1
Ethernet*1
DO*2
DI*1
- 4 4G Antenna
- 5 GNSS Antenna
- 6 GNSS Antenna

APPLICATIONS



Agriculture



Construction



HMI