



APOLLO 12 PRO

- Dual 26PIN interfaces, rich and versatile connection capabilities
- Support 4 SocketCAN buses (J1939, CANopen, ISO15765)
- Supports 4G/5G and ensures communication quality
- Supports CP-Comm, making software development easy
- Support CP ISOBUS VT
- Support up to 8 cameras, support CP AVM 360° surround view image
- Support Android/Linux OS



IT Computing
Power



5G
Communication



4 SocketCAN
buses



ADC-IN Voltage &
Current Detection



CP ISOBUS
VT



CP AVM 360°
Surround View



1280*800 High
Bright Screen

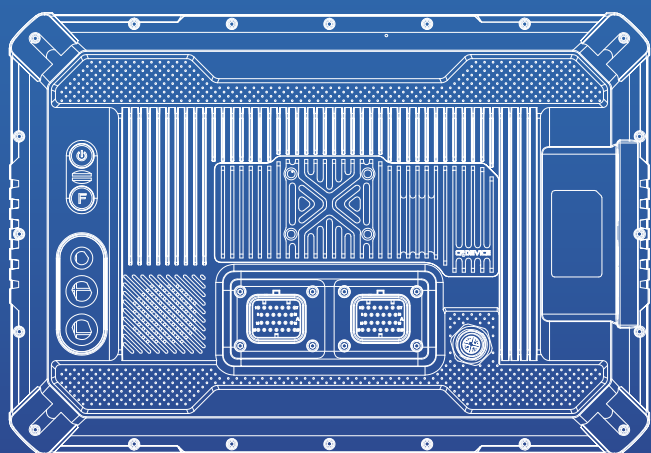


Android/
Linux OS



Specifications

<p>System</p>	<p>CPU Quad-Core Cortex-A55, 2.0GHz GPU ARM G52 2EE OpenGL ES1.1/2.0/3.2, OpenCL 2.0, Vulkan 1.1 High-Performance 2D Acceleration 1T Computing Power (0.8T NPU)</p> <hr/> <p>Android 11.0 Linux Kernel 5.10 2GB RAM LPDDR4, Up to 8GB 16GB ROM EMMC, Up to 128GB</p>	<p>Display</p>	<p>12.1" 5-Point Capacitive Multi-touch Screen Above 750 Nits 1280*800P Anti-Glare Display under Strong Sunlight</p>
<p>Communication & Interface</p>	<p>USB2.0 Interface *1 Gigabit Ethernet *1 LTE 4G/5G Communication Module WIFI 802.11b/g/n/ac, 2.4G/5G Bluetooth 4.2 Support MXT906B & UM980 & P20E & UM982 & P20D Support CP ISOBUS VT SocketCAN*4 Up to RS232*2 or RS232*1+ RS485*1(Default) Support debug RS232 ADC_IN Voltage Detection *2, Max. INPUT 12V ADC_IN Current Detection *2, 4-20mA DC_OUTPUT 12V *4 IO_INPUT *4 Up to 1080P*6 or 720*8 or 720*4+1080*4 AHD Camera</p>	<p>Sensor</p>	<p>MIC *1 Support Built-in Speaker*1 or External Speakers*2 or External Two-channel Audio Source G-Sensor *1</p>
<p>Button</p>	<p>2 Function Buttons + ON/OFF Button</p>	<p>Rugged Feature</p>	<p>Protection Level: IP65 Vibration: MIL-STD-810 Road Vehicle Standard: ISO16750 Operation Temperature: -30°C ~ +70°C Operation Humidity: 0% ~ 90%RH Storage Temperature: -40°C~ +85°C Salt Spray: 48 Hours of Salt Spray Test</p>
<p>Customization</p>	<p>LED Light Bar, LED Lights *16 (Optional)</p>	<p>Connector</p>	<p>26PIN Connector *2 M12 X-Code Circular Connector *1 SMA Female Connector *1 TNC Female Connector *1</p>
		<p>Mechanical Spec</p>	<p>Dimension (W*H*D): 317.8*219.6*34.5mm Weight: 1.73kg</p>



APPLICATIONS



Precision Agriculture



Construction machine



Smart Transportation



Smart Mining



Industrial Control



Warehouse



Bridge Monitoring



Smart Port



Medicine Production