



## 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

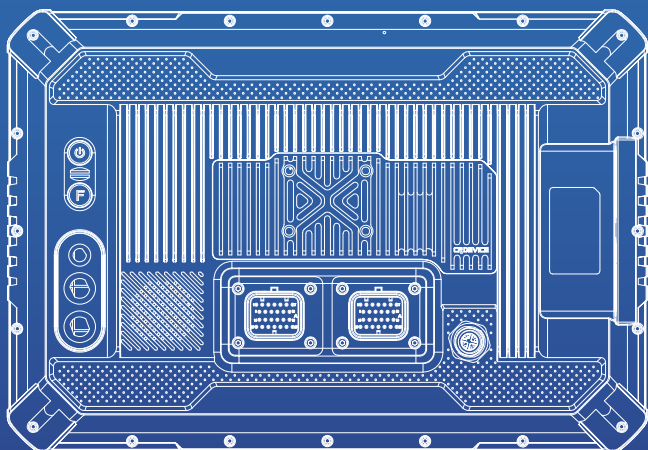


Android/  
Linux OS



# Specifications

<p><b>System</b></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, Qt 5.15.7                  2GB RAM LPDDR4, Up to 8GB                  16GB ROM EMMC, Up to 256GB</p>	<p><b>Display</b></p>	<p>12.1" 5-Point Capacitive Multi-touch Screen                  Above 750 Nits                  1280*800P                  Anti-Glare Display under Strong Sunlight</p>
<p><b>Communication &amp; Interface</b></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 &amp; UM980 &amp; P20E &amp; UM982 &amp; 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><b>Sensor</b></p>	<p>MIC *1                  Support Built-in Speaker*1 or External Speakers*2 or External Two-channel Audio Source                  G-Sensor *1</p>
<p><b>Button</b></p>	<p>2 Function Buttons + ON/OFF Button</p>	<p><b>Rugged Feature</b></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><b>Customization</b></p>	<p>LED Light Bar, LED Lights *16 (Optional)</p>	<p><b>Connector</b></p>	<p>26PIN Connector *2                  M12 X-Code Circular Connector *1                  SMA Female Connector *1                  TNC Female Connector *1</p>
		<p><b>Mechanical Spec</b></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