



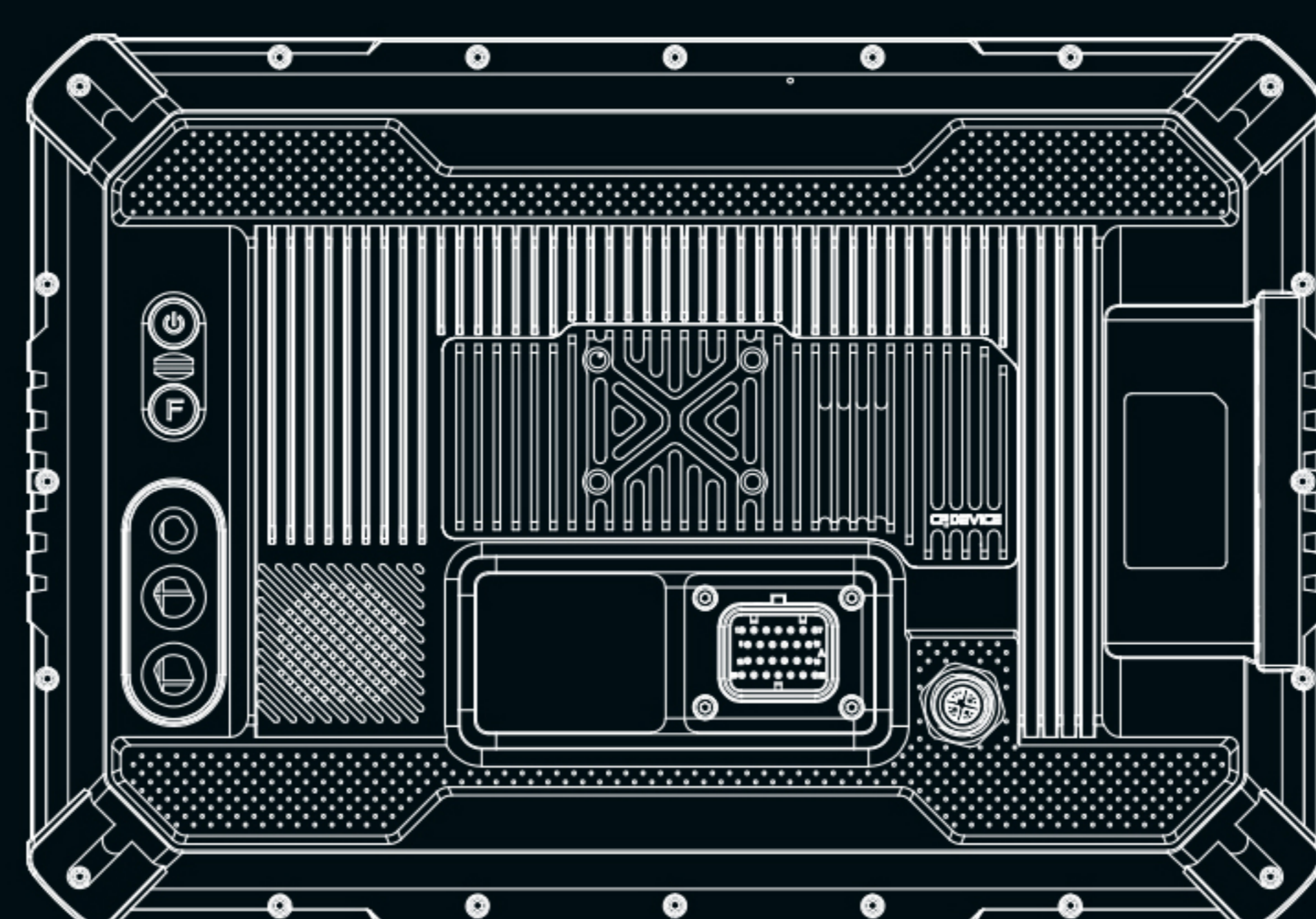
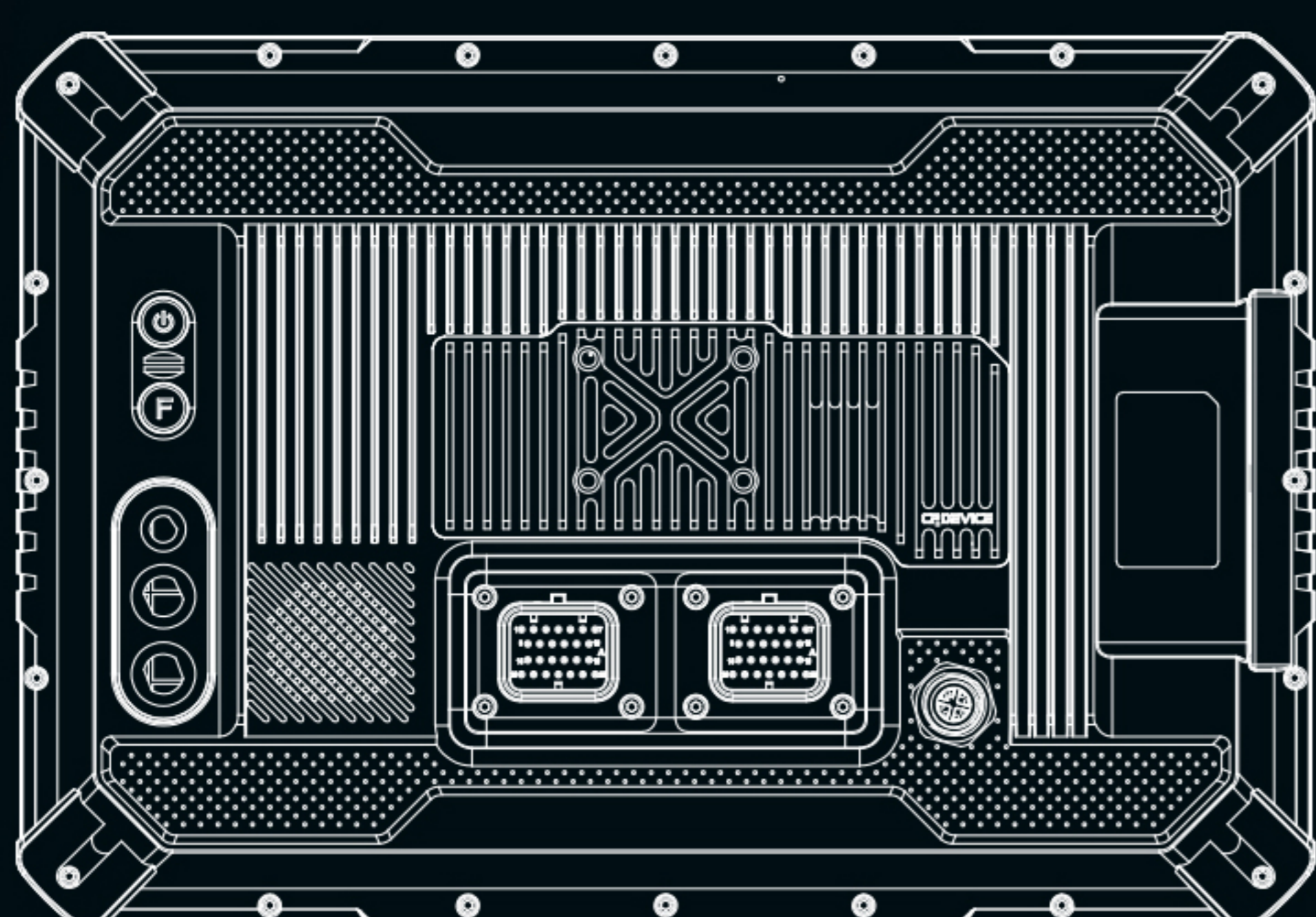
APOLLO 12 PLUS

DISPLAY ECU WITH MULTIPLE MONITORS

- Highly integrated dual displays on one control unit to run and display diverse applications simultaneously.
- Next-generation high-computing product integrated with CPU+GPU+NPU to facilitate entry-level AI application and 2D/3D graphics processing.
- Supports Android/Linux OS for easier application development.
- Dual 12.1-inch premium displays with 1280*800 HD resolution.
- Supports 4-channel SocketCAN, and 4G/5G connectivity.
- Supports CP ISOBUS VT & CP AVM 360° surround view for diverse media applications.

PRODUCT DATASHEET

SYSTEM	CPU Quad-Core 64 Bit Cortex-A55, 2.0GHz GPU ARM G52 2EE 2G RAM LPDDR4, Up to 8G 16G ROM EMMC, Up to 128G Android 11.0 Linux 5.10	DISPLAY	Display ECU with Multiple Monitors 12.1"Capacitive Touch 1280*800px, 750cd/m ² Anti-glare Screen Light Sensor (Optional)
	COMMUNICATION	LTE 4G / 5G (PCIE Card) WiFi 802.11b/g/n/ac 2.4G/5G Bluetooth 4.2 Optimal RTK GNSS (GPS/BDS/GLONASS) Meter-level GPS G-sensor RS232*1+RS485*1/RS232*2 Debug RS232 (for Debug only) USB 2.0*1 1000BASE-T1 Automotive Ethernet*1 Socket CAN*4/MCU CAN*2+Socket CAN*2 INPUT*3 OUTPUT*3 ADC Voltage Detection*2 0~12V ADC Current Detection*2 4~20mA Support CP ISOBUS VT	POWER
MEDIA			Microphone*1 Built-in speaker*1 or External Speaker*2 or External Dual-Channel Speaker*1 Camera Input*4 (720P or 1080P) Support CP AVM 360 Surround View
CONNECTOR			26PIN Connector*2 M12 X-code Circular Connector*1 SMA Connector*1 TNC Connector*2 USB Type-A Connector*1
RUGGED FEATURES			Protection: IP67 Vibration: MIL-STD-810 Vehicle Standard: ISO16750 Operational Temperature: -30°C ~ +70°C, Humidity: 0% - 90% Storage Temperature: -40°C ~ +85°C, Humidity: 30% - 95% Salt Spray Test: 48 Hours
MECHANICAL	Dimensions (W*H*D): 317.8*219.6*34.5mm Weight: 1.73kg		
CUSTOMIZATION	LED Light Bar (Optional)		



* BACK DESIGN OF THE MAIN SCREEN

* BACK DESIGN OF THE EXTENDED SCREEN

