

High-Performance, Stable, and Interface-Rich ARM Industrial PC



InBOX732 Industrial Computer

· 4G/WiFi/Bluetooth

· Hexa-Core
Processor

· Rich Interfaces

· Industrial Design

1. Product Overview

The InBOX732 Series ARM Industrial PC is designed for commercial and industrial applications, delivering powerful configuration and rich interfaces for data integration, processing, and device networking.

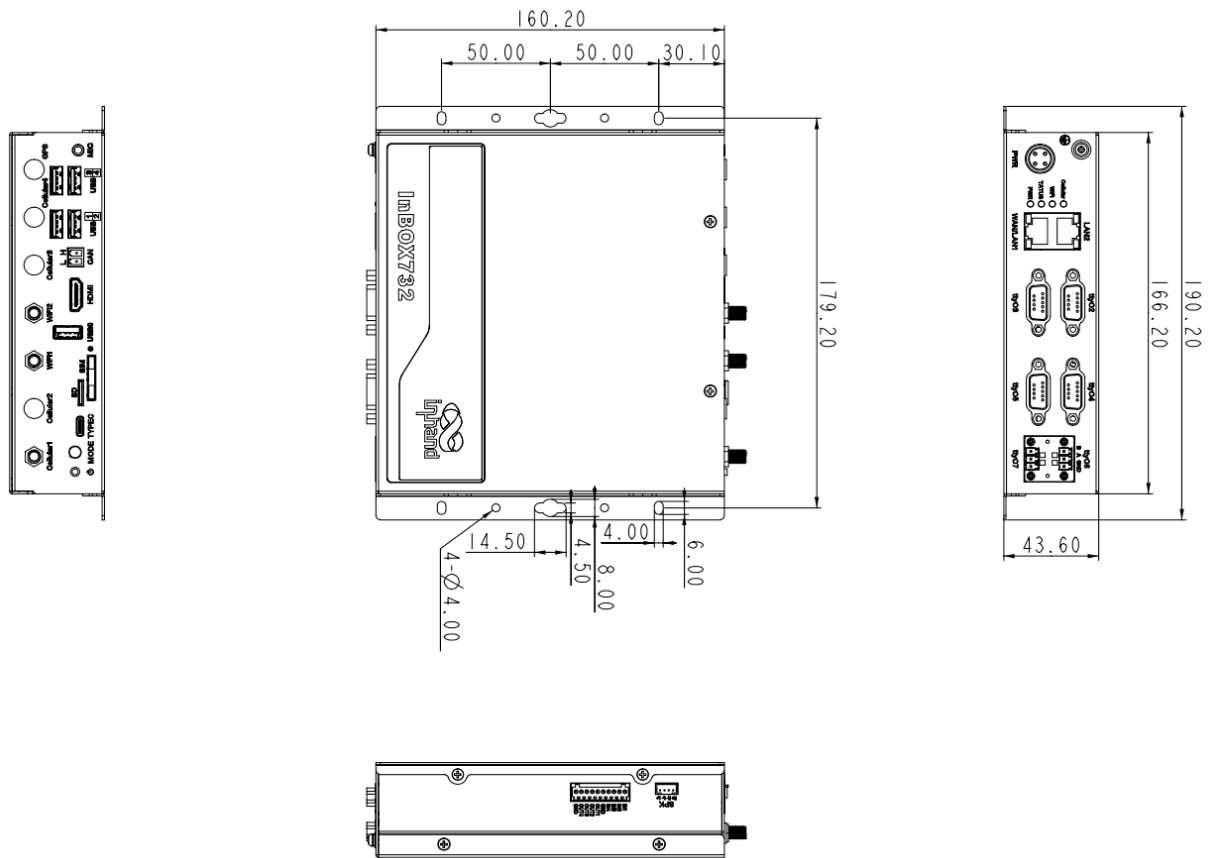
Product Features:

- **Powerful Configuration:** Hexa-core processor, 2GB/16GB storage, 4K output, rich interfaces
- **Multi-OS Support:** Optional Android/Linux systems, deeply optimized for long-term stability
- **Seamless Networking:** Supports 4G/WiFi/Wired connections to ensure uninterrupted device communication
- **Industrial Design:** Metal chassis IP40, Level 3 EMC, -20°C~70°C wide temperature range
- **Rich Interfaces:** 4×RS232, 2×RS485, 5×USB, HDMI, dual Ethernet ports, etc.

Key Technical Specifications

Item	Specification
Cellular Network	4G Full Netcom
Wi-Fi	802.11a/b/g/n, Client / AP Mode
Bluetooth	Bluetooth 5.0
Operating System	Linux(Debian9) / Android10
Video Output	HDMI2.0, supports 4K@60fps
Network Access	4G / WiFi / Wired
Dimensions (W × D × H)	190.2 × 160.2 × 43.6 mm
Mounting	Wall Mount
Interfaces	4×RS232, 2×RS485, 5×USB, 2×Gigabit Ethernet, HDMI, CAN, GPIO
Power Supply	9–24 V DC
Operating Temperature	-20 °C ~ +70 °C
Protection Level	IP40

2. Product Dimensions



1. All dimensions are in millimeters (mm).
2. All dimensions are approximate values, for reference only.
3. The dimensions shown shall not be used for production or processing.
4. Dimensions must meet part and manufacturing tolerance requirements.
5. Dimensions are subject to change without notice.

3. Hardware Specifications

Category/Parameter	Specification
Processor	
CPU	Rockchip Hexa-Core Processor, max frequency 1.8 GHz
Memory	2 GB
Storage	16 GB eMMC
Connectivity & Networking	

Category/Parameter	Specification
Cellular Network	4G Full Netcom
SIM Card Specification	1.8 V / 3 V, Drawer-type card slot × 1
SD Card Slot	SD card slot × 1
Antenna Interface	3G/4G: SMA × 1; Wi-Fi: RP-SMA × 2
Interfaces	
Ethernet	2 × 10/100/1000 Mbps, LAN/WAN
Serial Ports	4 × RS232 (DB9 Male); 2 × RS485 (3-pin Terminal)
USB	4 × USB 2.0; 1 × USB 3.0
HDMI	HDMI 2.0 × 1, supports 4K@60fps
CAN	CAN × 1
GPIO	10-pin green terminal × 1 (IN1 ~ 4, GND, OUT1 ~ 4, GND)
Audio	MIC 3.5 mm × 1; SPK dual-channel 4 Ω 3 W × 1
Debug Interface	Type-C × 1
Buttons	Power button × 1; Mode button × 1
Wireless	
Wi-Fi	802.11a/b/g/n, Client / AP Mode
Bluetooth	Bluetooth 5.0
LED Indicators	
LED Indicators	Power, Status, Wi-Fi, 3G/4G
Power	
Input Power	9–24 V DC
Power Consumption	Total < 12 W (without peripherals)
Mechanical	
Dimensions (W × D × H)	190.2 × 160.2 × 43.6 mm (including mounting bracket)
Mounting Method	Wall Mount
Protection Level	IP40
Cooling	Fanless Cooling

Category/Parameter	Specification
Chassis Material	Metal
Environmental	
Operating Temperature	-20 °C ~ +70 °C
Storage Temperature	-40 °C ~ +85 °C
Humidity	5 ~ 95 % RH (non-condensing)
EMC	
EMC Specifications	ESD Level 3; EFT Level 3; Surge Level 3

4. Software Specifications

Category/Parameter	Specification
Operating System	
Operating System	Linux(Debian9) / Android10
Network Features	
Network Standard	4G Full Netcom
Wi-Fi	802.11a/b/g/n, supports Client / AP Mode
Bluetooth	Bluetooth 5.0
Multimedia	
Graphics Processing	Dual ISP 800 MPix/s, supports dual cameras, 3D, depth info extraction
Video Codec	H.265/H.264/VP9 4K@60fps HD decoding
Image Formats	BMP, JPG, PNG, GIF
Configuration Management	
Scheduled Power On/Off	Supported
System Upgrade	Local USB Upgrade

5. Ordering Information

Model Code Rule

Model code: InBOX732-<WMNN>-<STD/PLAT/L>-<A>-<S> <WMNN>: Cellular Type & Module
<STD/PLAT/L>: OS <A>: — <S>: Serial port type

Product Models

Model	Region	<WMNN>: Cellular Networks	<STD/PLAT/L>: OS	<A>	<S>: Serial port type
InBOX 732- DQ20- L	China	LTE-FDD: B1/B3/B5/B8 LTE-TDD: B34/B38/B39/B40/B41 WCDMA: B1/B8 TD-SCDMA: B34/B39 CDMA/EVDO: BC0 GSM/EDGE: 900/1800 MHz	Debian	—	—
InBOX 732- FQ58- L	EMEA	LTE-FDD: B1/B3/B7/B8/B20/B28A WCDMA: B1/B8 GSM/EDGE: B3/B8	Debian	—	—
InBOX 732- FQ39- L	North Americ a	LTE-FDD: B2/B4/B5/B7/B12/B13/B25/B 26/B29/B30/B66 2×CA B2+B2/B5/B12/B13/B29; B4+B4/B5/B12/B13/B29; B7+B5/B7/B12/B26; B25+B5/B12/B25/B26; B30+B5/B12/B29; B66+B5/B12/B13/B29/B66 WCDMA: B2/B4/B5	Debian	—	—
InBOX 732- EN00- L	—	—	Debian	—	—

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