

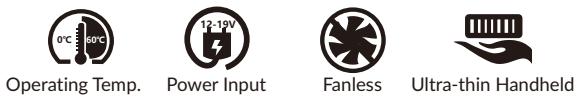
Compact Embedded Computer with Rockchip RK3399 Processor

Overview

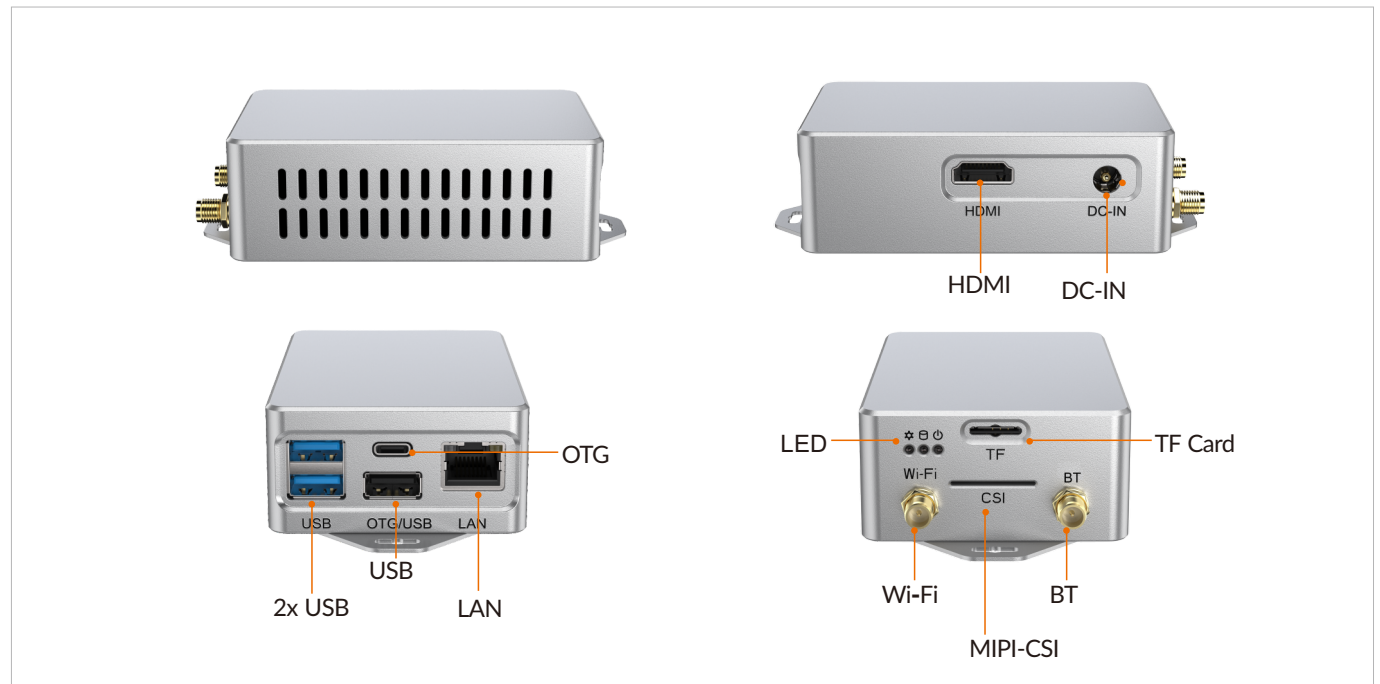
The AEC-100 ARM-based embedded computer runs Android or Linux on a Rockchip RK3399 processor, ensuring power efficiency and high performance in industrial applications. It features 1x GbE LAN, 1x HDMI, and 4x USB ports, including a USB 3.2 Type-C with DP support. The AEC-100 also offers dual-band 2.4/5GHz Wi-Fi and BT5.0 for high-speed wireless data transmission. This makes AEC-100 an excellent choice for industrial and IoT applications that demand compact and efficient automation solutions.

Features

- Rockchip RK3399 ARM dual Cortex-A72 and quad Cortex-A53
- Onboard 4GB LPDDR4 memory and 16GB eMMC
- Circuit-protecting power design
- Aluminum compact structure
- Dual-band 2.4/5GHz Wi-Fi and BT5.0
- Supports Android or Linux operating systems



I/O Interfaces



Specifications

System	
CPU	ARM Rockchip RK3399, Dual-core Cortex-A72 up to 1.8GHz + Quad-core Cortex-A53 up to 1.4GHz
Memory	4GB LPDDR4
Storage	16GB eMMC
GPU	Mali-T860
I/O Ports	
USB Port	3x USB3.2 1x USB3.2 Type-C (OTG, compatible with DP)
Ethernet	1x GbE LAN
Display	1x HDMI with CEC hardware ready 1x USB Type-C (DP Alt Mode)
TF Card Slot	1x TF Card slot
Camera interface	1x 15-pin MIPI CSI-2 with vias hole (2-lane)
Expansion Slot	
M.2	1x M.2 - 802.11 a/b/g/n/ac wireless & BT 5.0 (2T2R)
Antenna Hole	2x SMA Holes
RF Communication	
Wi-Fi	802.11 a/b/g/n/ac (2T2R)
Bluetooth	BT 5.0
Audio	
Audio	1x HDMI audio output
Power	
DC Input	12 to 19Vdc DC Jack (5.5/2.5mm)
Power Mode	Power on automatically boot up
Operating System	
Linux	Linux
Android	Android
Mechanical	
Dimensions (WxDxH)	93 x 62 x 31 mm (3.66 x 2.44 x 1.22 inches)
Weight (N.W.)	0.5 kg (1.10 lbs)
Mounting Mode	Desktop
Material	Aluminum
Environment	
Operating Temperature	0°C to 60°C (32 to 140°F)
Storage Temperature	-40 to 85°C (-40 to 185°F)
Relative Humidity	0% to 85%, non-condensing

Dimensions

