

# AEC-324



RockChip 3568, Android or Ubuntu OS, ARM-Based Embedded Computer



## Product Features

- Cortex Quad-Core A55 Processor
- Metal structure, fanless design
- 12V wide voltage DC power input
- Rich I/O includes USB, RS-232/422/485, LAN, DIO
- Support WiFi, Bluetooth, 4G/5G
- Optional CAN port, GPS

## Specifications

| System           |  |
|------------------|--|
| CPU              | Rockchip RK3568 processor (2.0GHz)                 |
| Memory           | 2/4/8 GB LPDDR4                                    |
| Storage          | 16/32/64/128 GB EMMC                               |
| Operating System | Android 11, Ubuntu18.04                            |
| Display          |  |
| Ports            | HDMI   |
| Resolution       | Up to 4096 x 2160                                  |
| Button           |  |
| Power            | Power Switch                                       |
| Recovery         | Recovery Button                                    |
| I/O Connectors   |  |
| Serial Port      | 2 x RS232, 2 x RS485                               |
| USB Port         | 1 x USB3.0(OTG) , 3 x USB2.0                       |
| Ethernet         | 2 x GbE LAN  |
| DIO              | 4 in & 4 out with 3.3V                             |
| CAN Bus          | 1/2 x CAN2.0B (Optional)                           |
| Audio            | 1 x Line-out                                       |
| Others           | 1 x DC-IN<br>1 x SIM card slot<br>1 x TF card slot |
| Communication    |  |
| WLAN             | 802.11a/b/g/n/ac                                   |
| WWAN             | 4G/5G (Optional)                                   |
| Bluetooth        | Bluetooth 5.0                                      |
| GNSS             | GPS/Beidou/Glonass (Optional)                      |

| Power Management         |                                 |
|--------------------------|---------------------------------|
| Power Input              | DC 12V                          |
| Power Consumption        | 12W (Typ.)                      |
| Environment              |                                 |
| Operating Temperature    | -20~60°C                        |
| Relative Humidity        | 5%-90%, @ 40°C (non-condensing) |
| Certifications           | CE, FCC                         |
| Physical Characteristics |                                 |
| Material                 | SGCC                            |
| Mounting Mode            | Desk-mount, Din-rail mount      |
| Dimension (W x L x H)    | 180 x 123 x 52 mm               |
| Weight                   | 0.8Kg                           |
| Packing List             |                                 |
|                          | 1 x AEC-324                     |
|                          | Power Adapter and Cord          |
|                          | 1 x Certificate                 |
|                          | 1 x Warranty Card               |

## Dimensions

