



**Industrial 3.5" Embedded SBC
with Rockchip® ARM Cortex
A72+A53 RK3399, HDMI/eDP, USB
3.0, Bluetooth and WIFI**

Features

- Rockchip® Cortex A72+A53 RK3399
- One Gigabit Ethernet and WIFI supported
- Watchdog & Hardware Monitor function
- HDMI/eDP dual outputs
- Supports Android 7.1 & Linux Debian 9.0

CPU

- Rockchip® ARM Cortex A72 (Dual Core) + Cortex A53 (Quad Core) 2.0GHz
- A72 up to 1.8GHz, A53 up to 1.4GHz

System Memory

- Onboard DDR3L 1333MHz 2GB

Display Interface

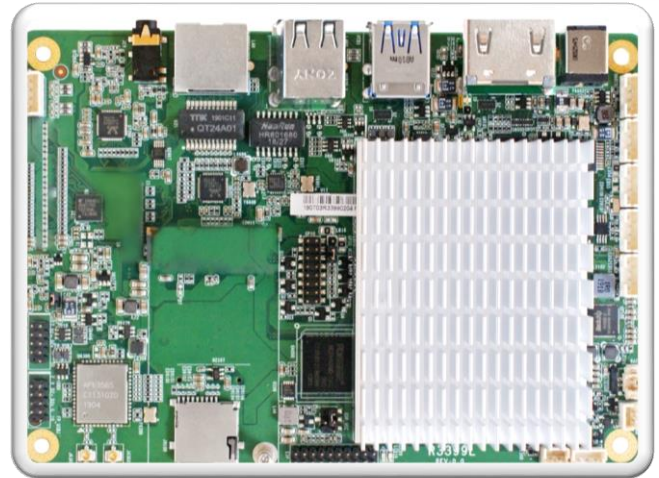
- Mali T860MP4 GPU, OpenGL ES1.1/2.0/3.0, OpenCL1.2, DirectX11.1
- (1) HDMI up to 3840 x 2160 @60Hz
- (1) eDP up to 4096 x 2304 @60Hz
- Supports dual display

Ethernet

- (1) Realtek RTL8211E Gigabit Controller
- (1) AMPAK AP6356S 802.11 a/b/g/n/ac 2.4/5G WIFI
- (1) Bluetooth 4.1

Storage

- Onboard 16GB Flash ROM
- (1) TF card (Micro SD) socket



I/O Interface

- (3) UART, (1) RS232, (1) Debug
- (2) USB3.0 (Co-lay OTG)
- (6) USB 2.0
- (1) 8-bit digital I/O interface
- (1) Speaker (3W AMP)
- (1) I2C

Power Requirement

- DC 12V input
- AT : Directly PWR on as Power input ready
- ATX: Press Button to PWR on after Power input ready

Environment Spec

- 0 ~ 60°C operation temperature
- Operation humidity under 10% ~ 95%

Dimension

- 146mm x 102mm (5.74" x 4.01")

Ordering Information

SBE-3J01AGH-33	Rockchip® Cortex A72+A53 RK3399 with 2GB DDR3L 1333MHz, 16GB Flash ROM, HDMI/eDP, GBE LAN & WIFI & BT4.1
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