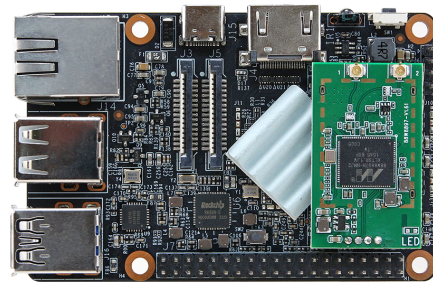


# ACP-3566-PI

1.8" SBC, the Alternative of Raspberry Pi with a long lifecycle guarantee



## Product Features

- Rockchip RK3566 with Quad-core Cortex-A55 up to 1.8GHz, 4GB RAM and onboard 32 GB eMMC
- Support 40P GPIO and can be configured as rich expansion interfaces such as RS232, GPIO, SPI and I2C. It also built-in Gigabit Ethernet port, supports Wi-Fi
- Long life cycle guarantee and sufficient supply
- Support HDMI 4K output display, MIPI-DSI and MIPI-CSI video input and output
- Small Size 85 mm \* 55 mm

## Specification

| System Information        |                                      |
|---------------------------|--------------------------------------|
| Processor                 | RockChip RK3566 Quad-core Cortex-A55 |
| System Memory             | 4 GB                                 |
| Storage                   |                                      |
| Storage                   | onboard 32 GB eMMC                   |
| Power Requirement         |                                      |
| DC Input                  | DC 5V / 3A via USB-C                 |
| Software Support          |                                      |
| OS                        | Linux Debian 10                      |
| Certification             |                                      |
| Certification Information | CE, FCC Class B                      |

## I/O

|                               |  |
|-------------------------------|--|
| <b>External I/O Connector</b> | 1 x 10/100/1000 RJ45 Powered LAN<br>1 x HDMI 2.0 Out<br>2 x USB Host 2.0<br>1 x USB OTG 2.0<br>1 x USB Host 3.0<br>1 x micro SD memory card slot (max 64 GB) |
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|-------------------------------|--|
| <b>Internal I/O Connector</b> | 40 x GPIO pin header, GPIO, UART, I2C, SPI<br>1 x WIFI 802.11 a/b/g/n/ac<br>1 x MIPI CSI<br>1 x MIPI DSI |
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## Mechanical & Environmental

|                        |                       |
|------------------------|-----------------------|
| <b>Operating Temp.</b> | 0 ~ 60°C (32 ~ 140°F) |
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|                      |                              |
|----------------------|------------------------------|
| <b>Storage Temp.</b> | -40°C ~ 75°C (-40°F ~ 167°F) |
|----------------------|------------------------------|

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|--------------------------|------------|
| <b>Dimension (L x W)</b> | 85 x 55 mm |
|--------------------------|------------|

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|               |         |
|---------------|---------|
| <b>Weight</b> | 0.16 kg |
|---------------|---------|

## Ordering Information

|                             |                   |
|-----------------------------|-------------------|
| <b>Ordering Information</b> | ACP-3566-PI-A1-1R |
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