CoreS3

- Developed based on ESP32, support WiFi @16M Flash, 8M PSRAM
- Built-in camera, proximity sensor, speaker, power indicator, RTC, I2S amplifier, dual microphone, condenser touch screen, power button, reset button, gyroscope
- TF card slot
- High-strength glass
- Support OTG and CDC functions
- AXP2101 power management, low power design
- Supported programming platforms: Arduino, UIFlow

Includes

- 1 × CoreS3
- 1 × DinBase

Specification

Resources	Parameters
MCU	ESP32-S3@Xtensa LX7, 16MFLASH AND 8M-PSRAM, WIFI, OTGCDC functions
Touch the IPS LCD screen	2.0"@320*240 ILI9342C
Camera	GC0308@30 megapixels
Proximity sensors	LTR-553ALS-WA
Power management chip	AXP2101
Six-axis attitude sensor	BMI270
magnetometer	BMM150
RTC	BM8563
Speaker	16bits-I2S power amplifier chip AW88298@1W
Audio decoding chip	ES7210, dual microphone inputs
Product Size	54 x 54 x 16mm
Package Size	101x64x34mm
Product Weight	73.3g
Package Weight	97.8g