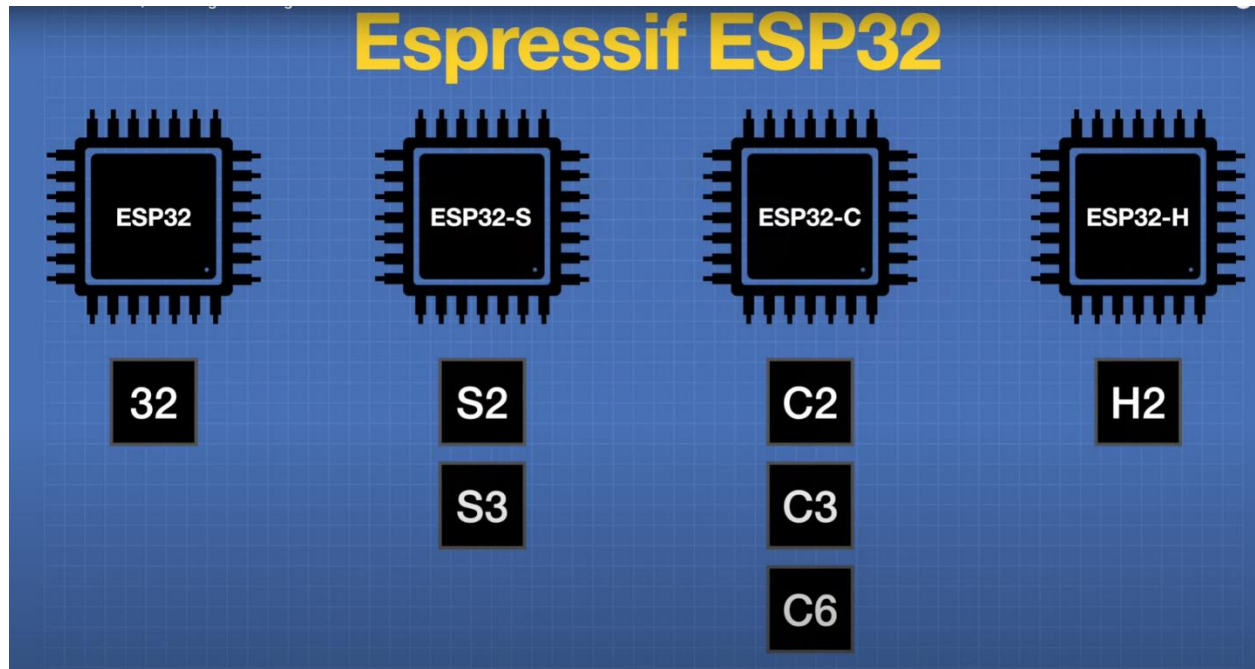
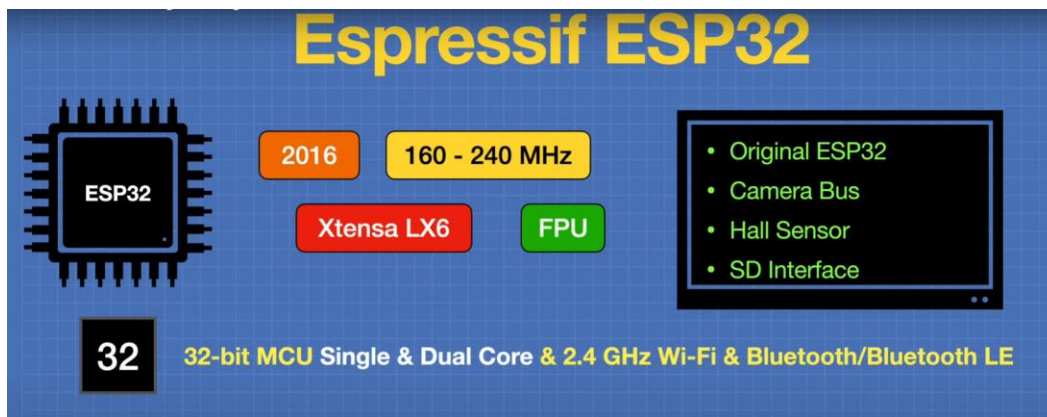


Different variants of ESP32:



ESP-32(S2) __ORIGINAL:

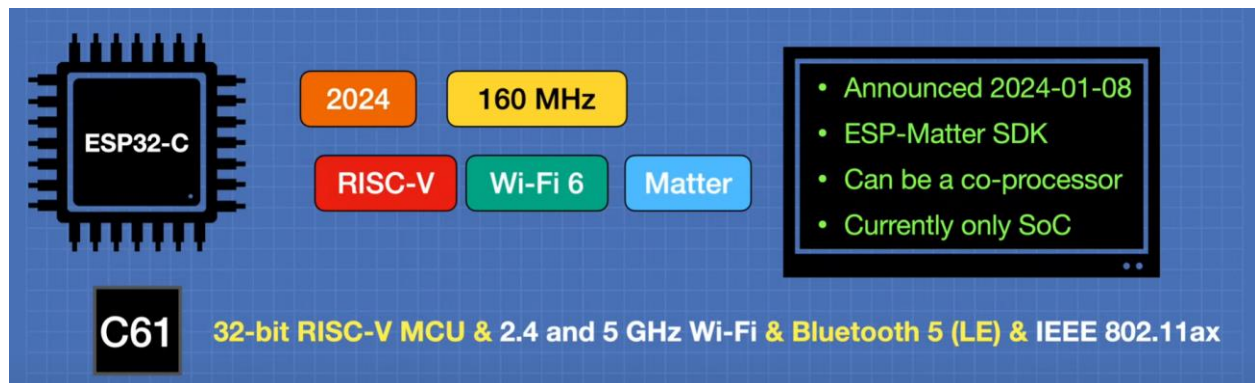
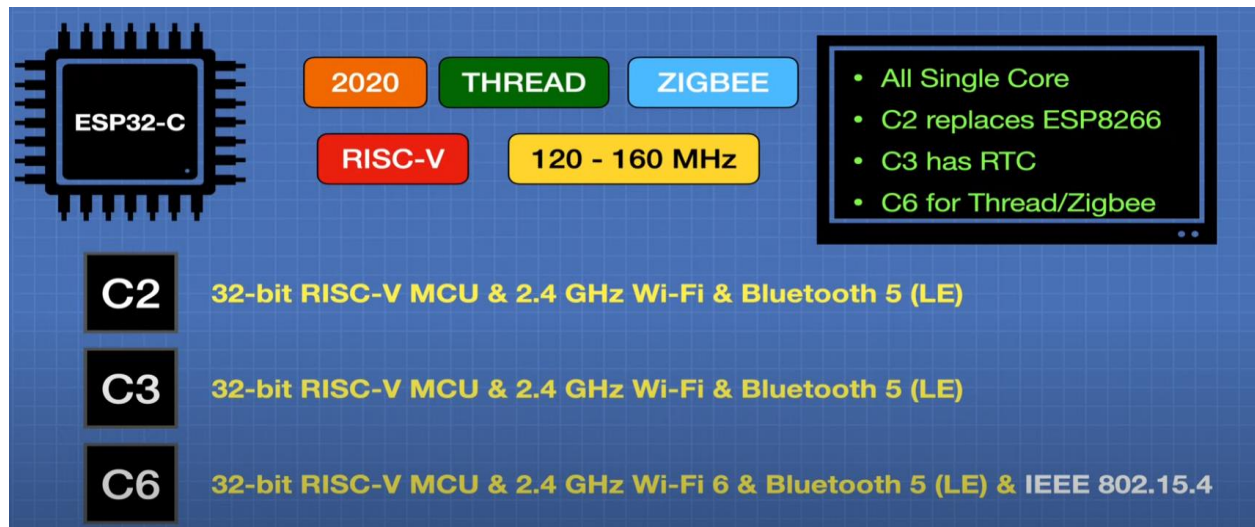


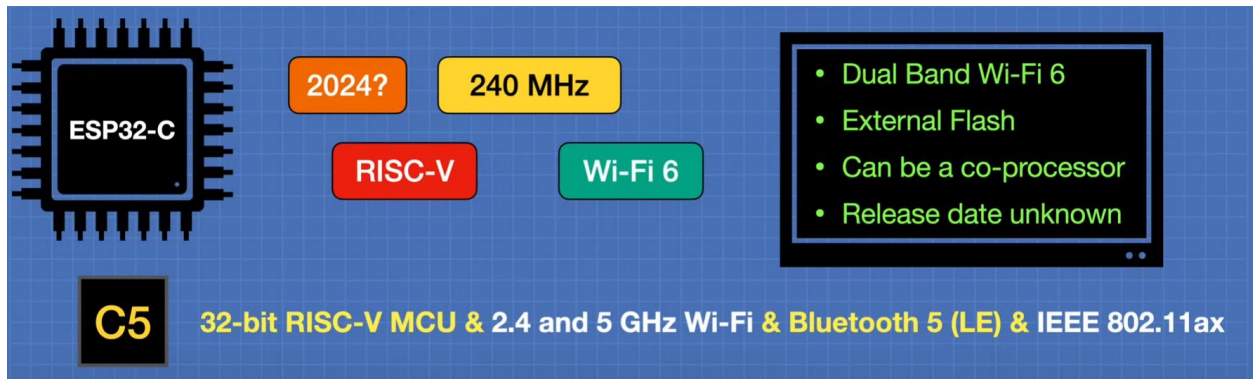
- S2 has no Bluetooth
- S2 has 13-Bit ADC
- Camera Bus

ESP-32__(S3):

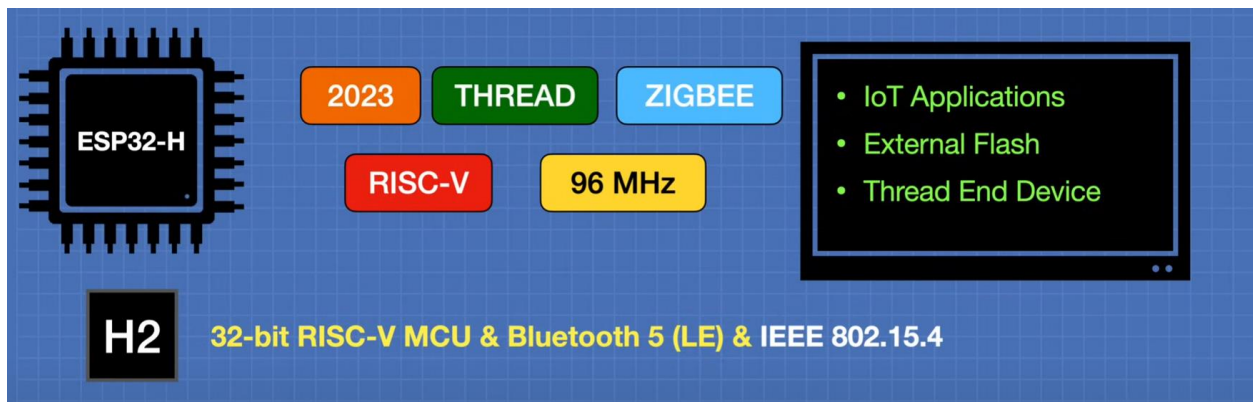


ESP-32 (C- Series):

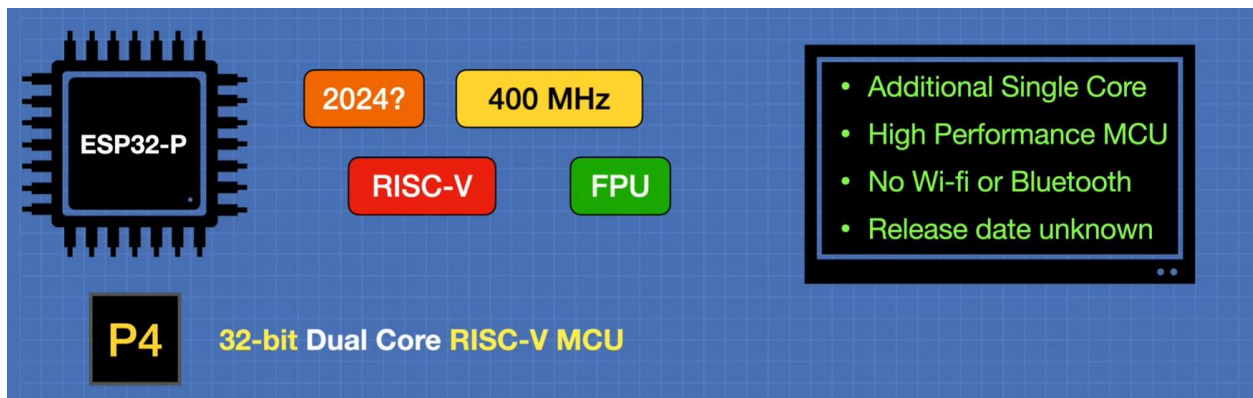




ESP-32 (H-Series):



ESP-32 (P-Series):



ESP-32

SoC

- **System on a Chip**
- **Core** ESP32 integrated circuits
- For **large manufacturers**

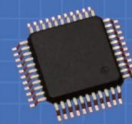
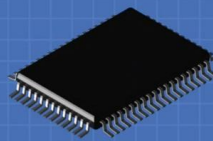
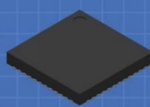
Module

- **Prewired** SoC devices in a module
- **Shielded** and **FCC Certified**
- For **manufacturers** and **advanced hobbyists**

DevKit

- **Dev Boards** with Modules and/or SoCs
- Additional features and connectors
- For **developers** and **hobbyists**

SoC

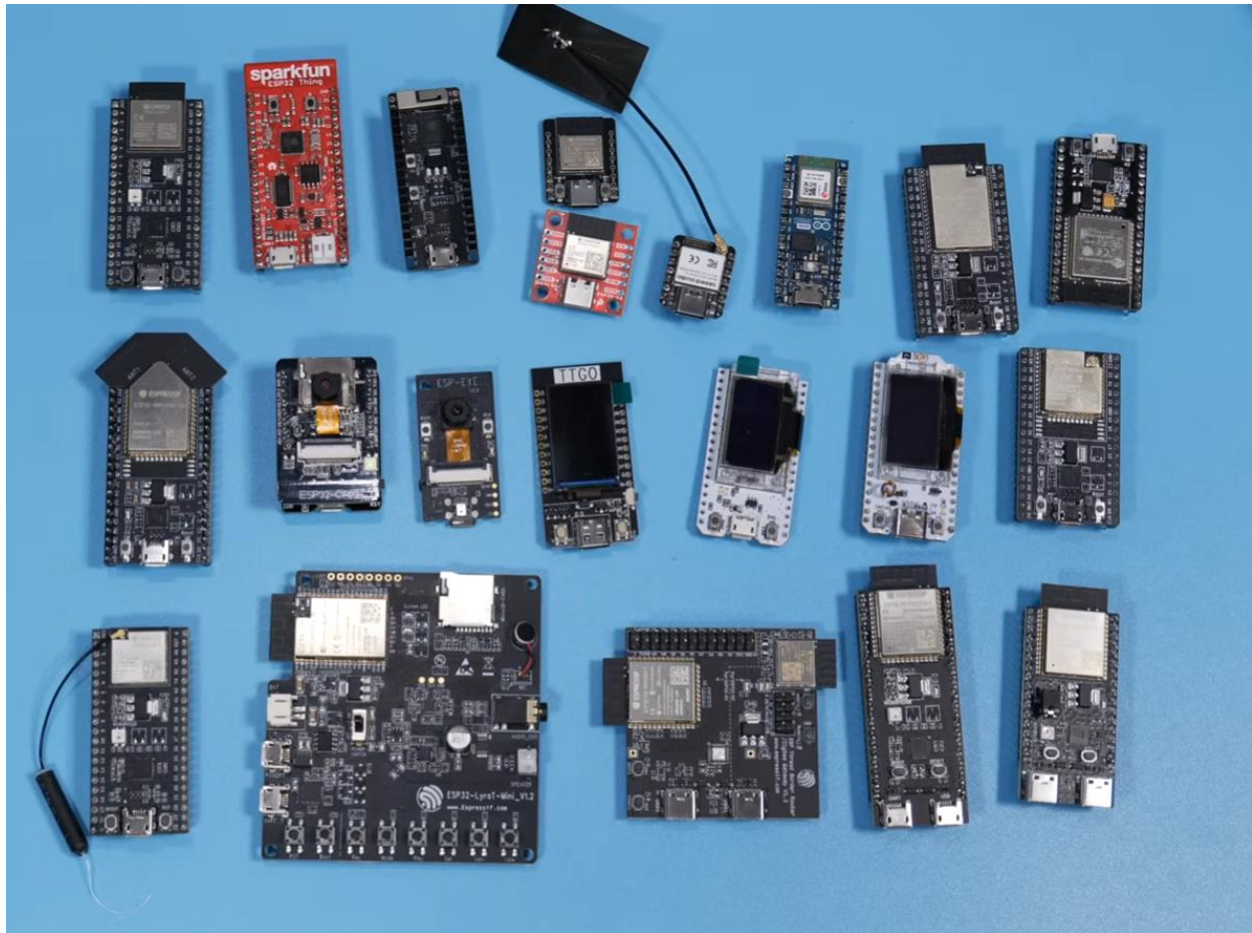


Module



DevKit





	ESP32-S3 DevKit	ESP32-C6 DevKit	Nano ESP32	T-Display-S3	T-Display ESP32	XIAO-ESP32S3
Price USD*	\$15.00	\$9.00	\$20.00	\$21.98	\$8.00	\$7.49
ESP32 Series	ESP32-S3	ESP32-C6	ESP32-S3	ESP32-S3	ESP32	ESP32-S3
I/O Pins Exposed	37	25	24	13	13	11
USB Type	2 x MicroUSB	2 x USB-C	USB-C	USB-C	USB-C	USB-C
Display Type	NONE	NONE	NONE	1.9" LCD Touch	1.14" TFT LCD	NONE
Package	44-Pin	32-Pin	30-Pin	24-Pin	24	14-Pin
LiPo Connector	No	No	No	Yes	Yes	Capable
Antenna	Internal	Internal	Internal	Internal	Internal	External
RTC	Yes	No	No	No	No	No
PSRAM	8MB	8MB	8MB	8MB	16MB	8MB
FLASH		8MB		16MB		8MB