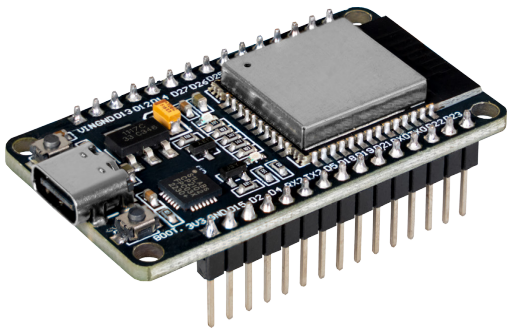# NODE MCU ESP32 USB-C
Microcontroller development board

The NodeMCU-ESP32 is an ideal choice for effortless prototyping, offering easy programming through Lua script or the Arduino IDE. Its breadboard-compatible design ensures quick setup and integration into your projects. This powerful development board features 2.4 GHz dual-mode Wi-Fi and BT wireless connectivity, enabling seamless communication for a wide range of applications.

Equipped with 512 KB of SRAM and 4 MB of flash memory, the NodeMCU-ESP32 provides ample resources for your projects. It also includes 21 GPIO pins for flexible interfacing, supporting protocols such as I2C, SPI, UART, DAC, and ADC for a variety of sensor and peripheral integrations.

Additionally, the board includes a USB-C interface for fast and convenient power and data transfer, ensuring modern connectivity standards.

MAIN FEATURES

Model	Node MCU ESP32 USB-C
Special feature	WiFi and BT, USB-C
Operating voltage	3.3 V; 5V via USB-C

FURTHER SPECIFICATIONS

Processor	Tensilica LX6 Dual-Core
Clock frequency	240 MHz
SRAM	512 kB
Memory	4 MB
Wifi standard	802.11 b/g/n - 2.4 GHz
Logic Level	3.3 V
Max. current draw per GPIO	40 mA
Interfaces	I2C, SPI, UART, DAC, ADC

FURTHER INFORMATION

Dimensions	54 x 29 x 13 mm
Weight	10 g
Item number	SBC-NodeMCU-ESP32-C
EAN	4250236828817
Customs tariff number	8473302000

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