

Taidacent ESP8266 IoT Development Board SDK Programming WiFi Module Small System Board



Listing details

Reference Number: RF169476

Common

Price: \$ 7.65
Country: United States
Description:

Taidacent ESP8266 IoT Development Board SDK Programming WiFi Module Small System Board Small Processor Board ESP8266 SDK Development (Mainboard)

Introducing the Taidacent ESP8266 IoT Development Board - a powerful and versatile platform that opens up a world of possibilities for Internet of Things (IoT) enthusiasts, hobbyists, and professionals. This cutting-edge development board combines the ESP8266 module (ESP-12F) as its core chip with an array of advanced features, including the OLED and DHT11 modules, to bring your IoT projects to life.

Key Features:

- 1. Robust Connectivity:** The ESP8266 module acts as the heart of the board, providing robust Wi-Fi connectivity that enables seamless communication with other devices over wireless networks. This allows for remote control and monitoring, making it ideal for smart home automation and industrial applications.
- 2. Cloud Integration:** With the integrated OLED and DHT11 modules, the Taidacent ESP8266 IoT Development Board takes IoT capabilities to new heights. It can report real-time temperature data to the cloud and display messages sent by the cloud, offering enhanced data processing and analysis.
- 3. User-Friendly Design:** Operating at a 5V working voltage (USB powered), the board simplifies power supply requirements, ensuring ease of use for beginners and experienced users alike. The expansion interface includes P1 MiniUSB for power supply and serial communication, P2, and P5 interfaces for OLED and DHT11 module connections, and P3, and P4 pin headers for VCC/GND

and IO port connections, along with the P6 module for ESP8266.

4. **Premium Build Quality:** The Taidacent ESP8266 IoT Development Board is crafted with precision and care by Shenzhen Taida Century Technology Co., Ltd., ensuring reliable performance and long-lasting durability.

Feature	Description
Core Chip	ESP8266 module (ESP-12F)
Expansion Interface	4Pin OLED, DHT11
Working Voltage	5V (USB powered)
Cloud Integration	Real-time temperature reporting and cloud messaging
Connectivity	Wi-Fi enabled for seamless communication

Applications:

The Taidacent ESP8266 IoT Development Board is perfect for a wide range of IoT applications, including:

1. **Home Automation:** Create a smart home ecosystem by remotely controlling and monitoring appliances and devices via the cloud.
2. **Environmental Monitoring:** Utilize the DHT11 module to collect temperature and humidity data, enabling efficient environmental monitoring for agricultural or research purposes.
3. **Industrial Automation:** Enhance industrial processes by remotely managing equipment and systems, leading to improved productivity and safety.

Note: Products with electrical plugs are designed for use in the US. Outlets and voltage differ internationally and this product may require an adapter or converter for use in your destination. Please check compatibility before purchasing.

Purchase product:

1. <https://www.amazon.com>
2. <https://m.alibaba.com>

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