



Description

The Humanoid Premium Robot Kit is an advanced educational and research-oriented humanoid robotics platform designed for learning, experimentation, and customization. The robot features stable humanoid walking, multiple integrated sensors, and flexible communication options, making it suitable for advanced robotics, motion control, and programming education.

Key Features & Capabilities

- **Humanoid Walking Mechanism:**
 - Excellent and stable humanoid biped walking performance
- **Sensors:**
 - Integrated multiple sensors for motion, balance, and interaction
- **Control & Communication:**
 - IR remote control included
 - Optional wireless communication via **Zigbee or Bluetooth**
 - **Digital data packet communication** for reliable control and feedback

Mechanical & Design Features

- **Semi-transparent humanoid skin** allowing visual customization and internal component access
- **Versatile expansion mechanism** enabling construction of various robot configurations and add-on modules

Programming & Motion Control

- **Supports C / Python-style programming**

Note: Specifications are subject to change, Photos shown above are indicative, Actual Product can Vary.



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- **Motion teaching and playback** capability
- Supplied with **RoboPlus Control & Programming Software** for configuration, motion design, and program development

Educational Applications

- Humanoid robotics and biped locomotion studies
- Motion control, kinematics, and gait analysis
- Advanced programming and robotics research
- STEM and higher-level robotics education

Applications

- Educational institutions and robotics laboratories
- Research and development demonstrations
- Advanced robotics training programs

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