

AI Pediatrician All-in-One Machine (P37) instructions

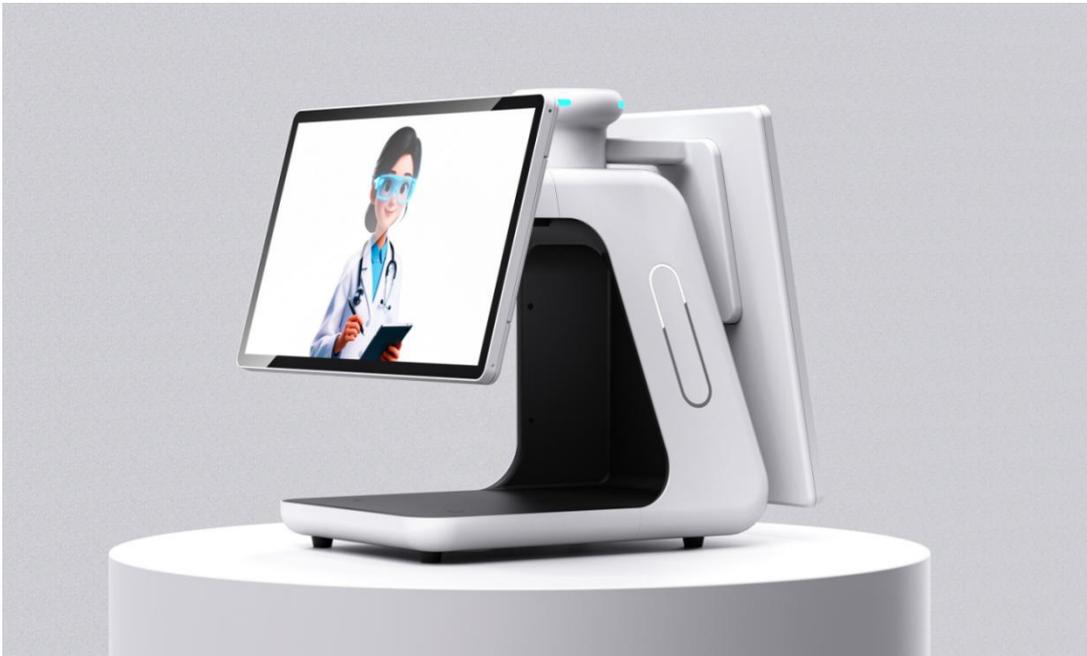


Bozztek Technology (Shenzhen) Co., Ltd.

Version: V1.1

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AI Pediatrician All-in-One Machine instructions



1 .application scenarios

Ideal for hospitals, government offices, communities, and public service facilities requiring intelligent interaction and self-service operations.

2 .product features

- RK3576 octa-core processor with Android 14 operating system
- 8G DDR+ 128G EMMC;
- 15.6-inch and 14.0-inch HD screens
- 5-megapixel monocular camera;
- 6-channel digital microphone with voice enhancement, intelligent noise reduction, and echo cancellation.
- Supports multi-touch.

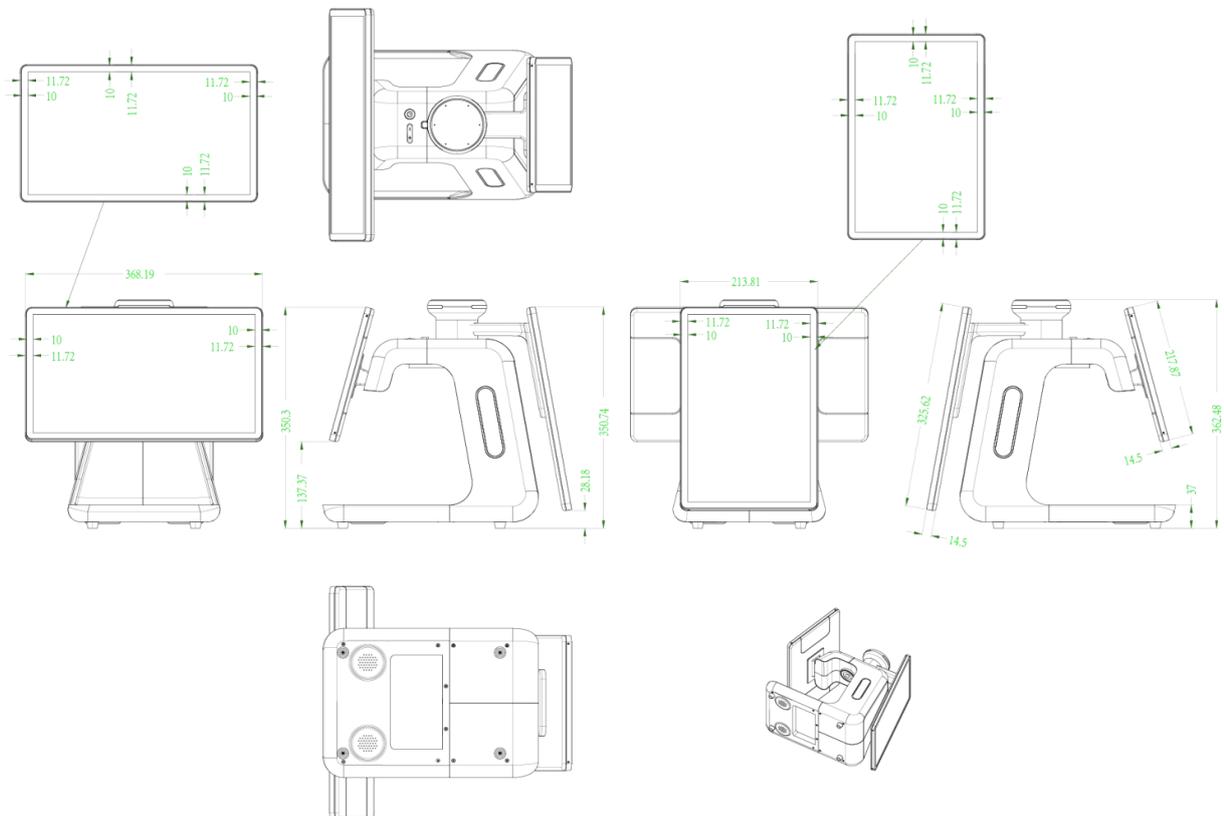
3. Product Specification Table

AI Pediatrician All-in-One Machine		
product model		P37
screen	resolution	Physician monitor: 15.6-inch 1920*1080; Patient monitor:
	ratio	14.0-inch 1920*1200
	touch	Dual screen multi-point capacitive touch
Basic	operating system	Android 14

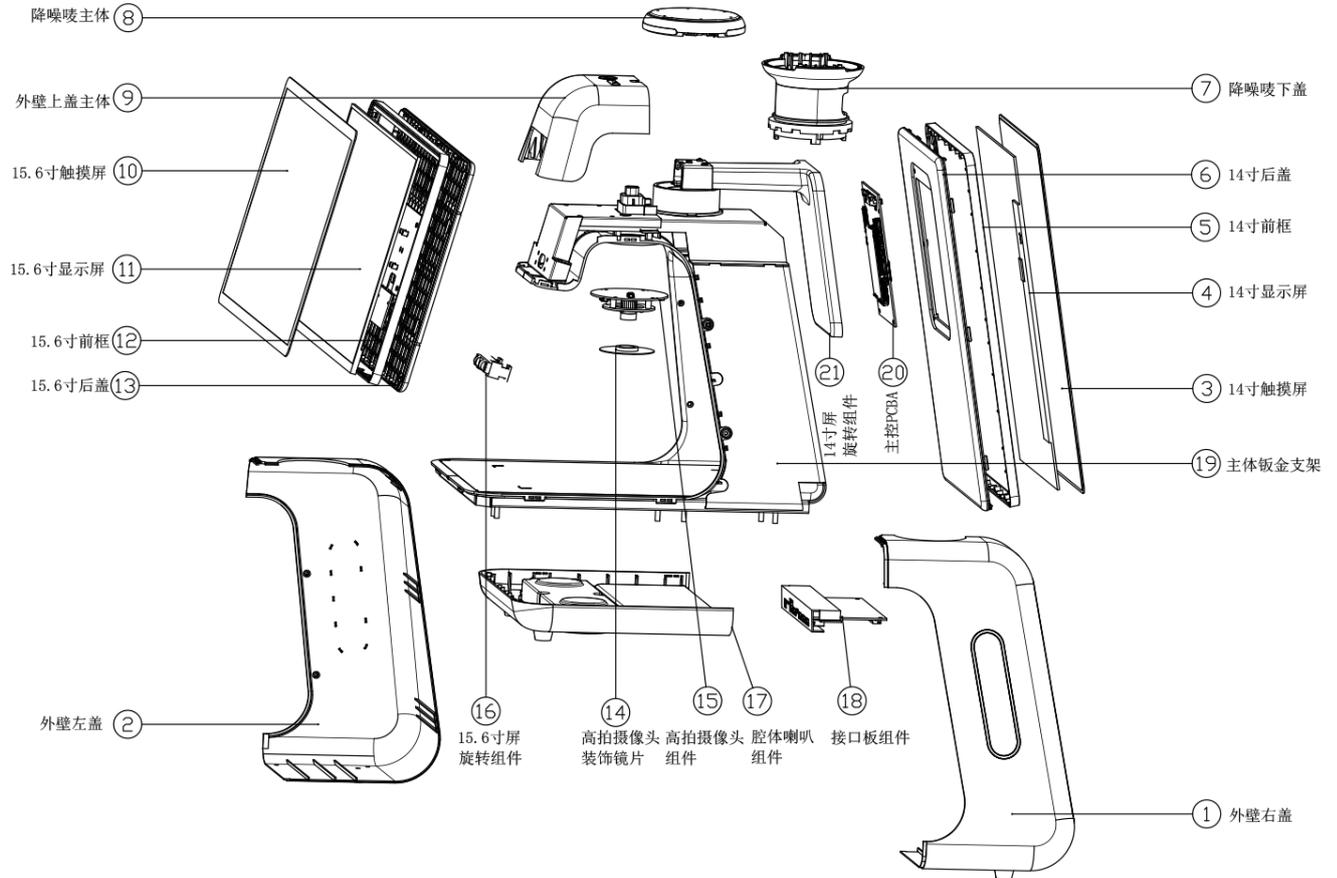
specifications	processor	RK3576	
	internal storage	8G DDR+ 128G EMMC	
	device power supply	Input: AC 100~240V, Output: DC 12V/3A	
	joggle		USB Type-A * 4
			RJ45 1000M network port*1
			Type-C debugging port*1
			DC power port *1
			Supports SIM card slot*1
	MIC		Supports 6-channel digital ring microphone
			Supports microphone ambient breathing light
	loudspeaker		4Ω/3W *2
	key		Enable power button
		Support physical buttons for volume control	
camera	High-speed camera	5MP, prime lens, A4 paper field of view	
		Supports high-speed camera fill light	
internal battery	RTC	3V button battery	
	Wired	Supports 1000M Ethernet	

network	network	
	WIFI	Dual-band support for 2.4GHz and 5GHz, with WiFi 6 capability
	PDA	BT 5.2
	mobile network	4G full network coverage
on-product information	product size	368*391*362mm
	packing measurement	440*427*410mm
	tare	7.8kg

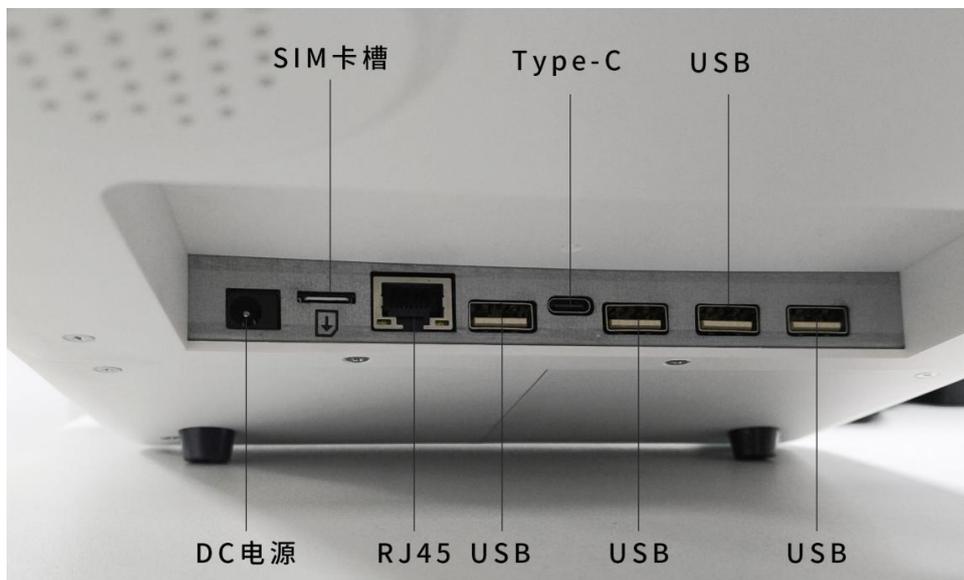
4.Product six-sided dimensions (368*391*362mm)



5. product design explosion diagram



6. Introduction to the Bottom Interface



7. Installation Notes

1. During actual wiring, if the hosts 12V power supply line lacks a dedicated extension cable and has an excessively long distance, the cables equivalent resistance may become too high, potentially causing issues like insufficient terminal voltage ($\leq 11V$), repeated host restarts, or system crashes.

2. The installation environment must be absolutely dry, and strong electric current as well as strong electromagnetic fields should be avoided. Electromagnetic appliances, mobile phones, and other portable electrical devices should be kept as far away from the equipment as possible.

3. This product is a precision device. Avoid collisions, drops, or vibrations to prevent motherboard components from detaching or internal camera damage, which could cause functional or performance issues.

4. The device comes with a built-in power adapter, with a total length of 1.8 meters.

- The power cord extension should not exceed 3 meters, as exceeding this length may cause insufficient voltage supply to the devices main unit, resulting in frequent restarts, system crashes, and other malfunctions.
- If other adapters (e.g., 9V/1A) are used, insufficient voltage or low current may cause the device to restart repeatedly.
- Avoid using excessively thin cables (e.g., thin Ethernet cables). It is recommended to use parallel multi-strand cables or thicker copper-core cables to ensure a voltage above 11V.

Note: For Ethernet cables, use a 4-core extension cable with the positive terminal

on the 4th wire and the negative terminal on the 3rd wire.

- If you are unsure how to extend the power supply, contact the supplier to replace it with a dedicated extension cord.