"

**Hello World,
This is**

Alpha1 Pro

"

About My Family - UBTECH

UBTECH - LEADER IN INTELLIGENT SERVICE ROBOT INDUSTRY

A high-tech enterprise engaging in the R&D, manufacture, as well as promoting and popularizing robots around the world

The first company in China dedicated to commercializing humanoid robots

Invested into humanoid robots research in 2008 and established in 2012

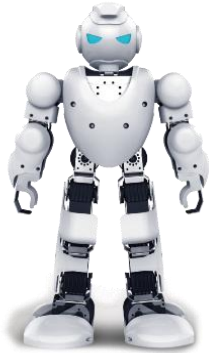Headquarters is located in Shenzhen, China and has branch office in USA

Alpha 1

The first product in the Alpha family
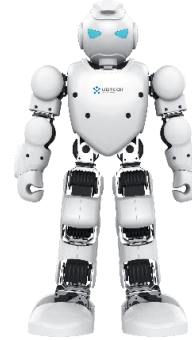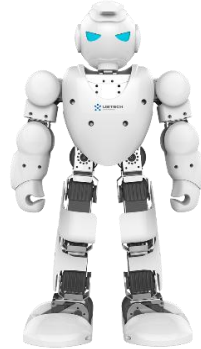
Alpha 1S

Hands upgrade

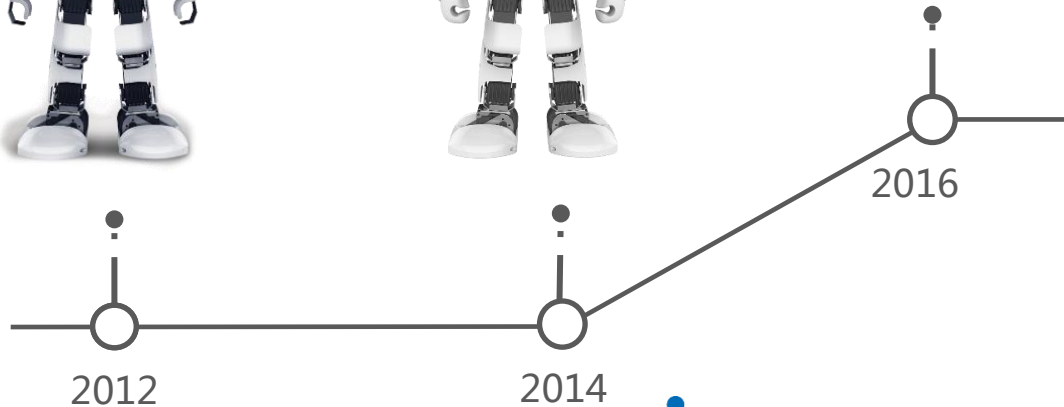**Alpha1 Pro**

A more professional generation

"

I am the new generation with new appearance and joints to bring you better and smoother experience.
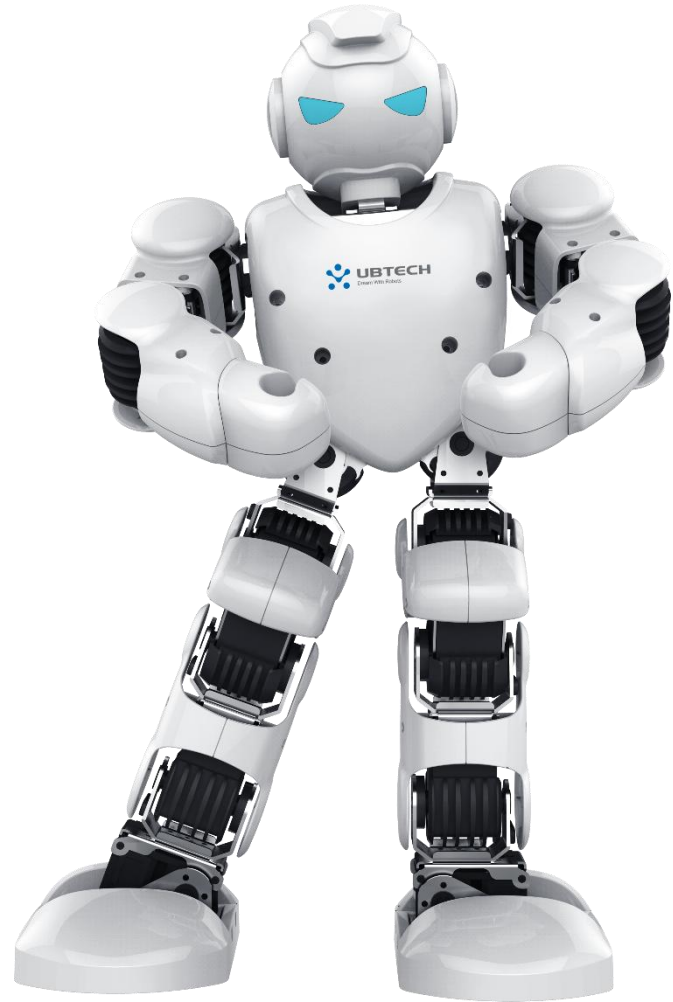
"

2012

2014

2016

Alpha1 Pro

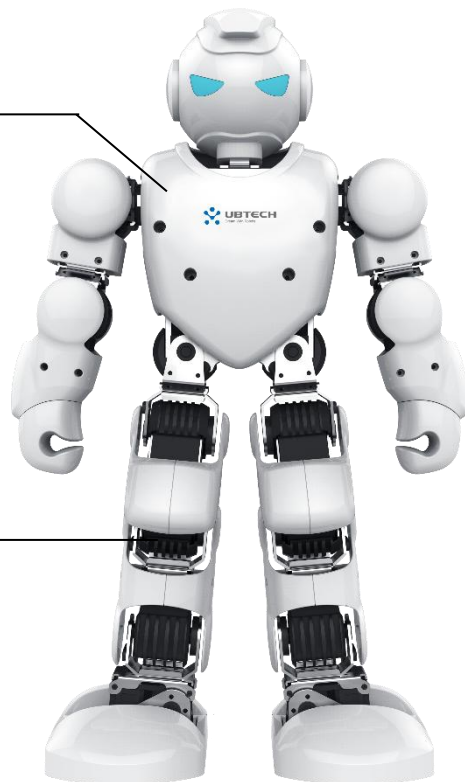## THE FUN FAMILY ROBOT

Programmable

Educational

Entertaining

The Power of New Generation is Here
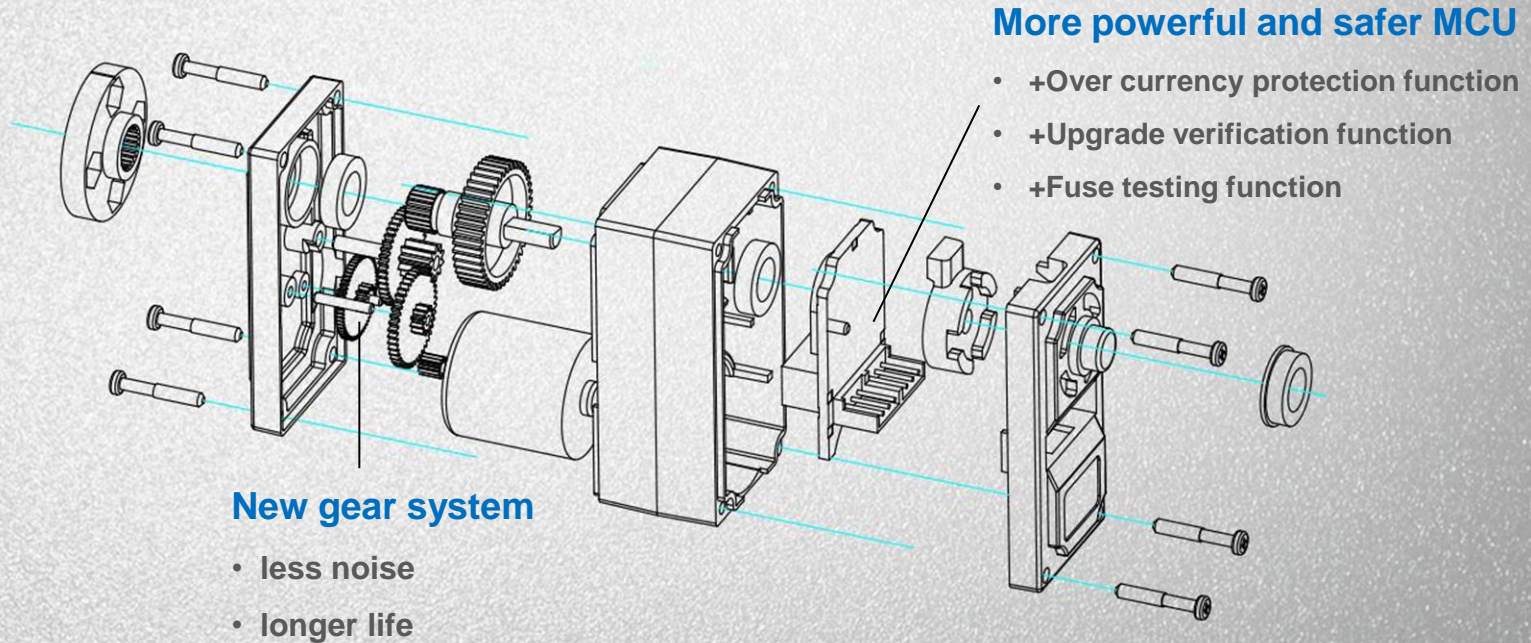

New housing material & design

New operation mode

New generation digital servo

New battery solution
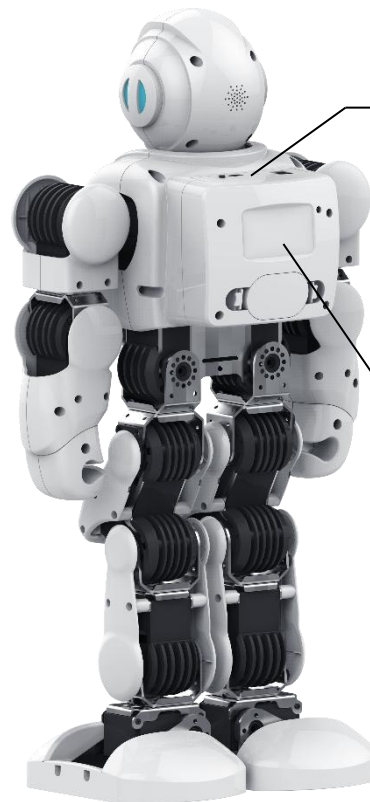
NEW Generation Digital Robotic Servo

More powerful and safer MCU

- +Over currency protection function
- +Upgrade verification function
- +Fuse testing function

New gear system

- less noise
- longer life

Safer

Noise reduction

Durable

NEW Housing Material

Durable & Solid

Anti-abrasion

High quality matte finish ABS

UBTECH
Dream With Robots
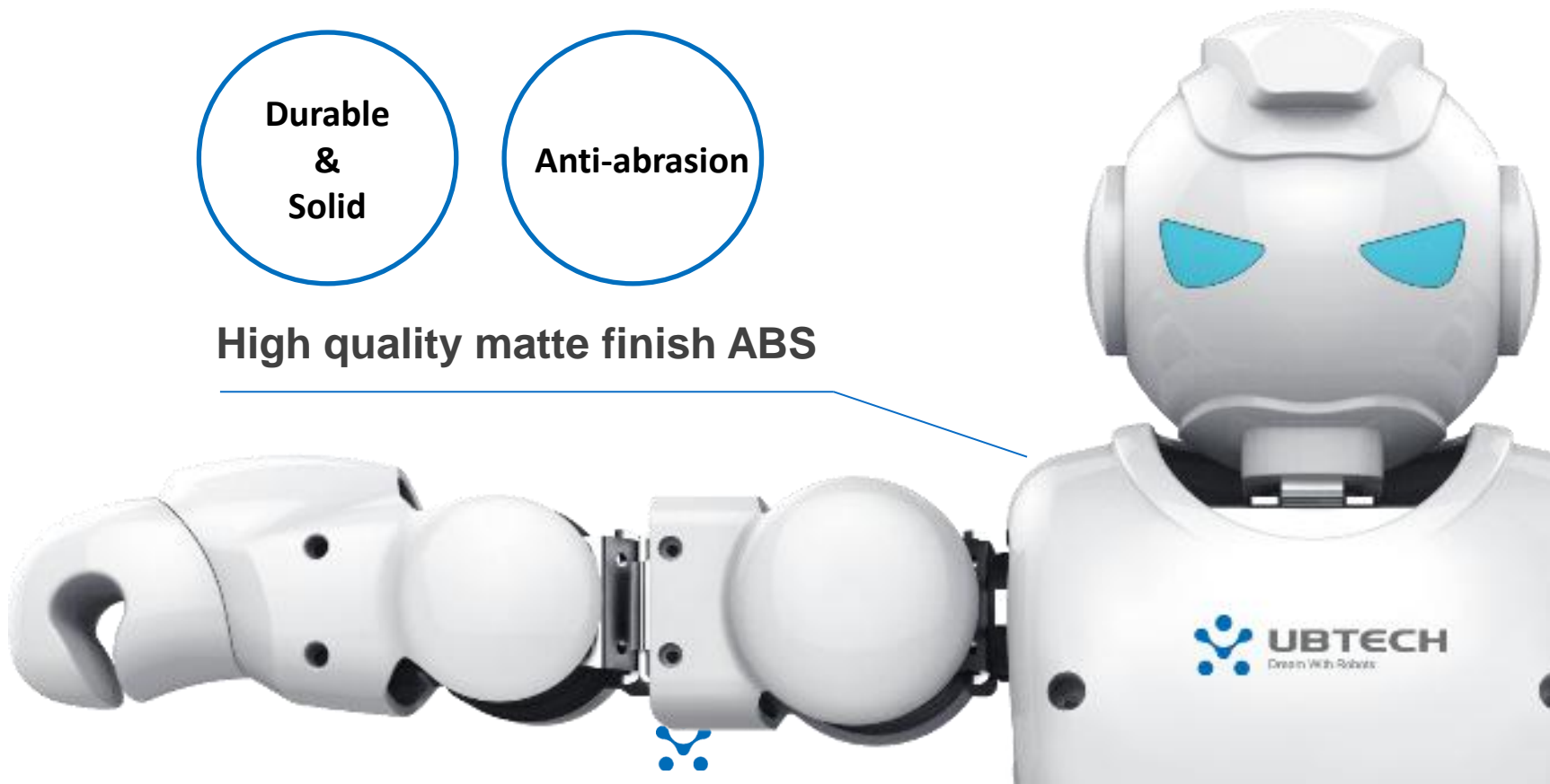
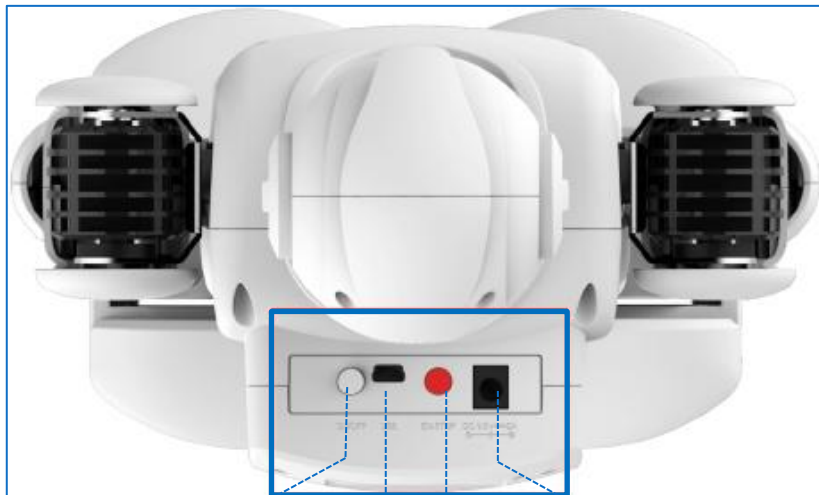# (NEW) **Housing Design**
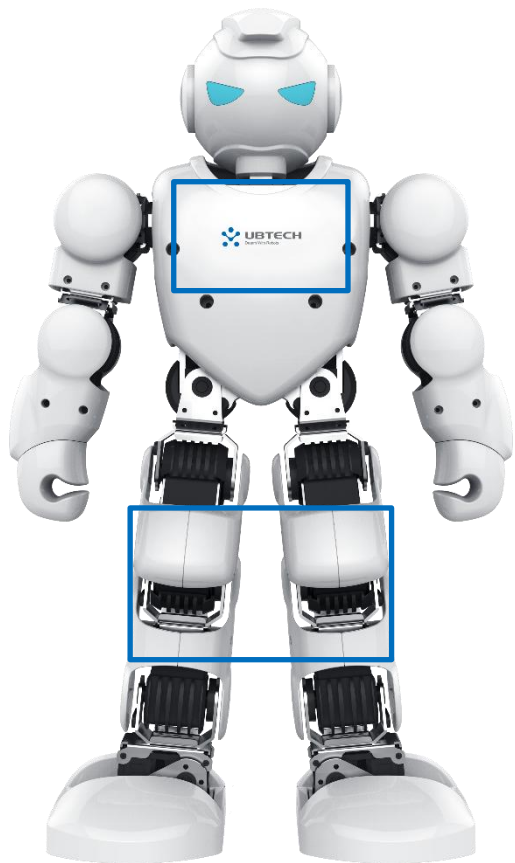
More housing shield

More protection

More ergonomic

Operation Mode

On/Off

Mini USB

EM.STOP

DC in

Emergency Stop Operation Mode
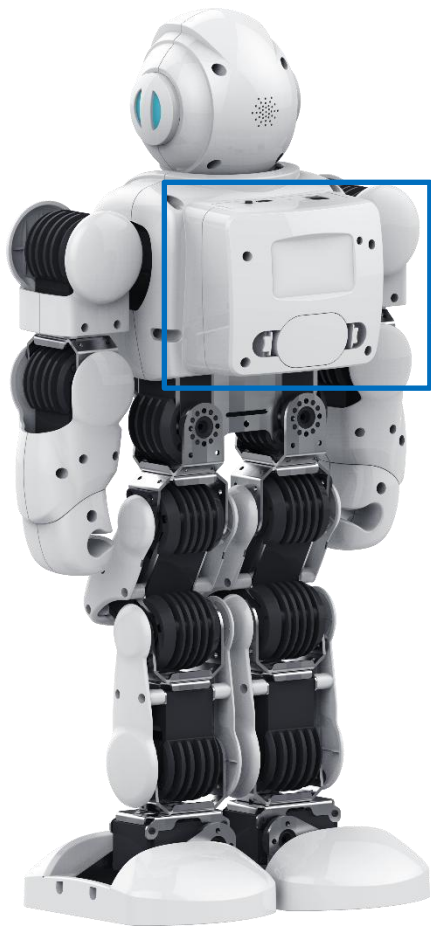
Instant stop in emergent condition
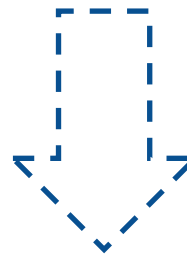
Full degree protection

NEW Battery Solution

Detachable & Replaceable

Easy to change the battery

It's time to

U
UPGRADE

16 patented servos, extremely flexible and enable me to move just like a human

3D visual PC software support complete beginners and advanced programmer

Alpha1 APP remote control (iOS & Android devices) via Bluetooth, easy and smooth operation

PRP (Pose, Record and Playback) function, adjust my pose manually, and each pose will be recorded by the APP autonomously and then playback, programming is so easy
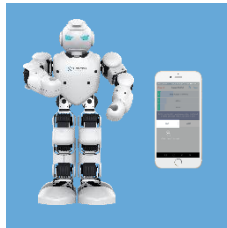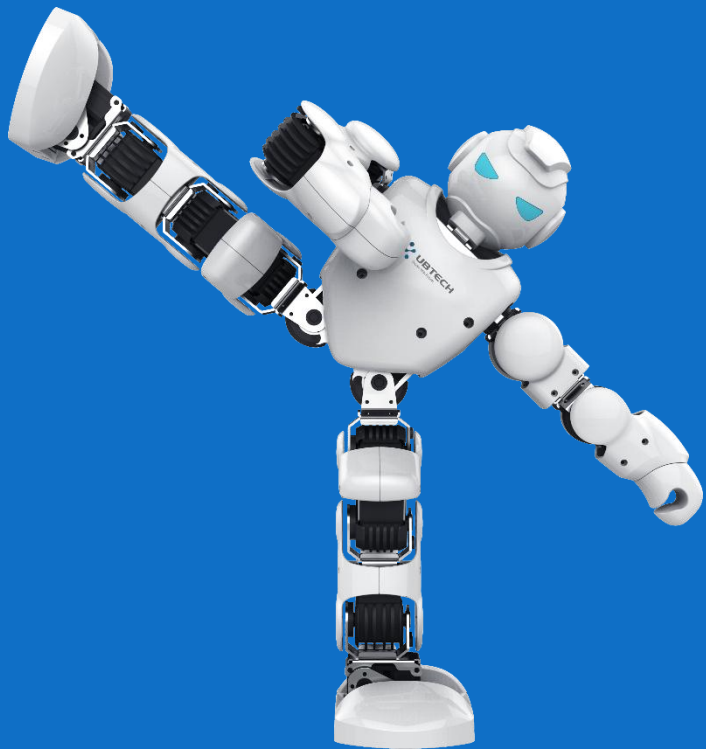
I am a fun entertainment companion in your family
Dance, boxing game, yoga, storytelling, just spread the joy in your family

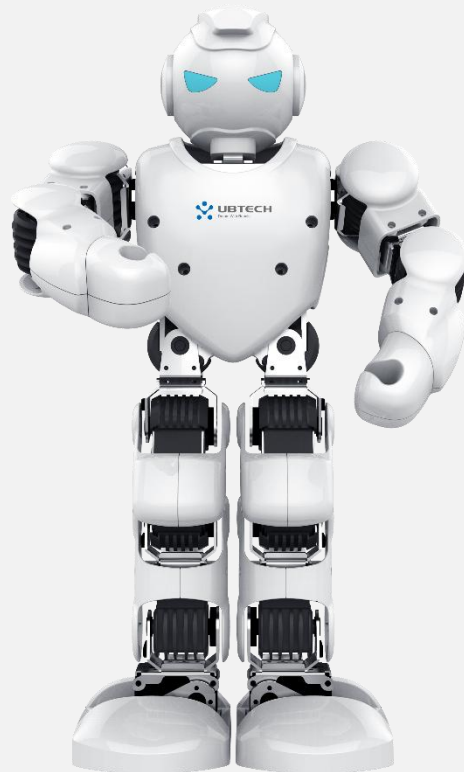**I am a smart studying mate at your hand**

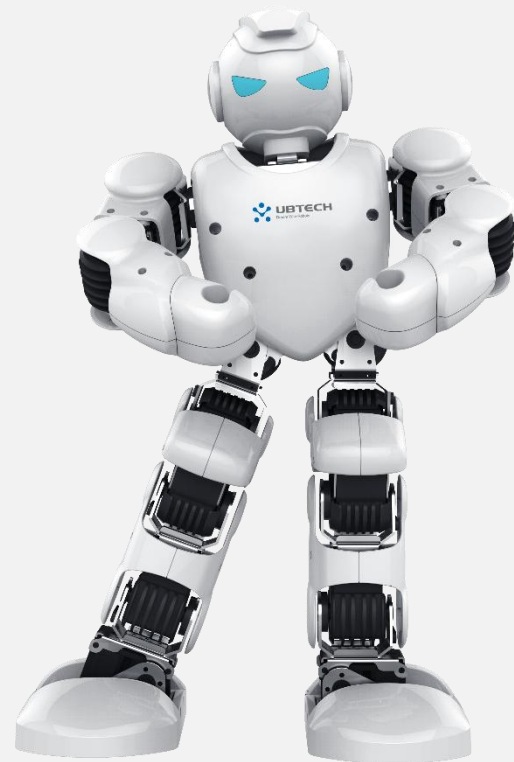with easy to use PRP programming and abundant online actions, music and stories available

Flexible

Simple

Durable
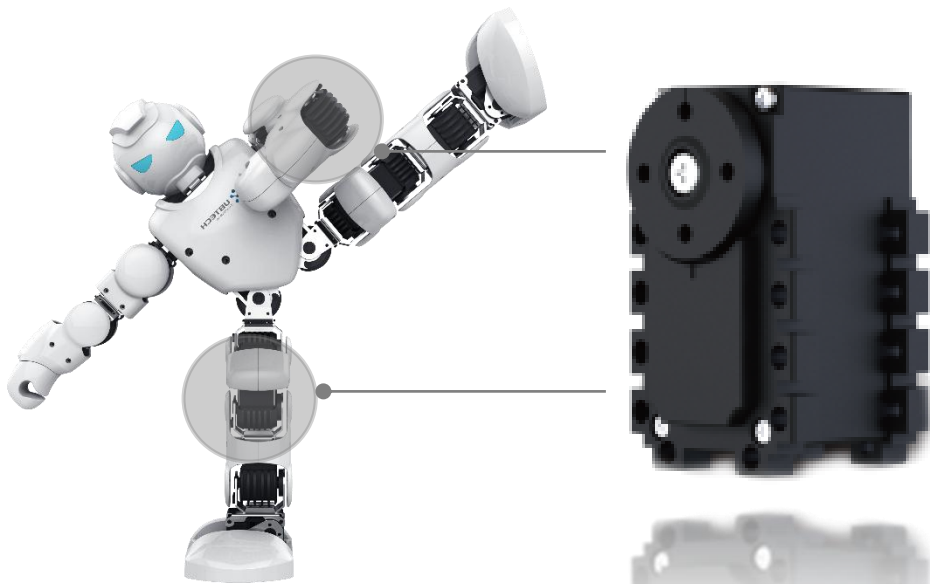
Humanoid Design

**User Friendly
Operation**

Powerful and Safe

Highly Torque Digital Robotic Servo
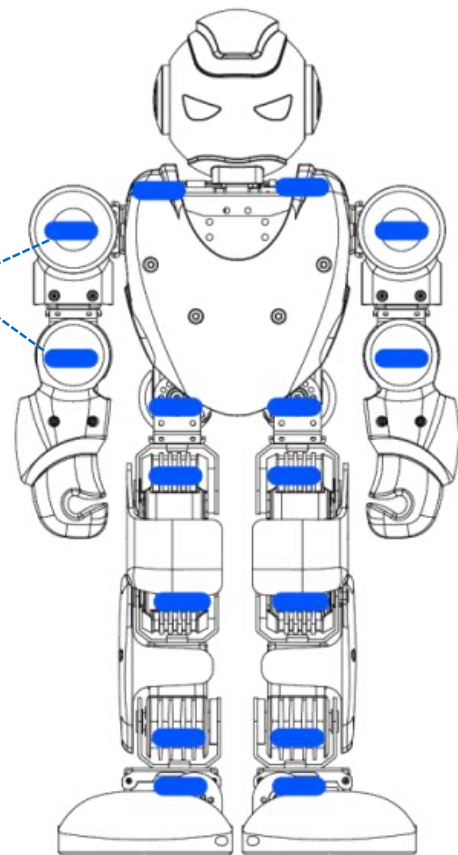
16
servo joints

Large Torque

High Accuracy

Small Size

Highly Secure

Long Life

Low Noise
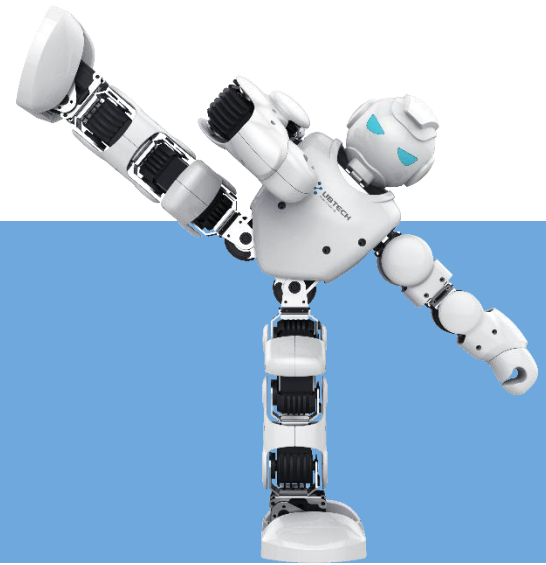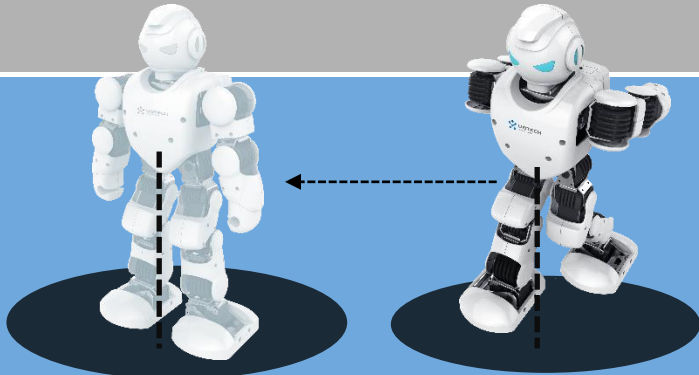
Humanoid Movement Design

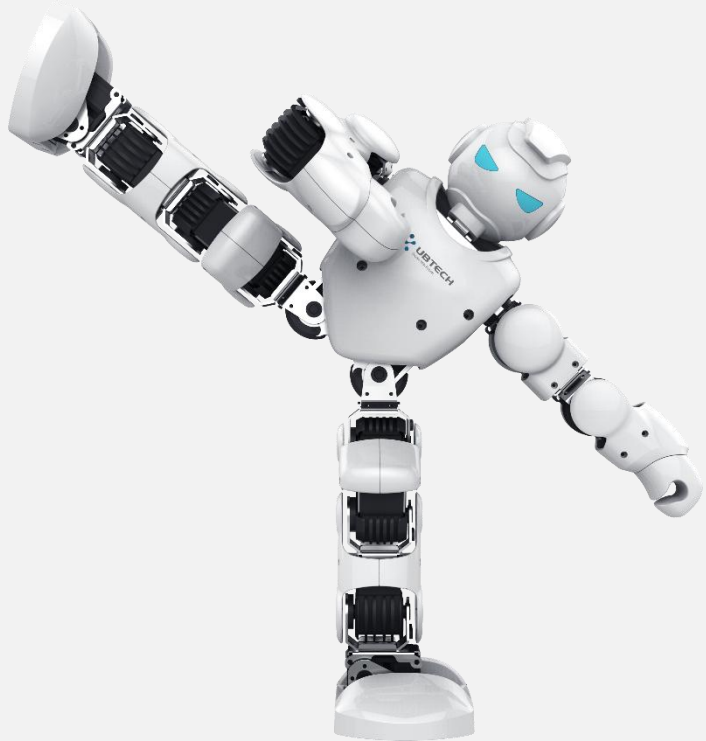Humanoid simulation bipedal movement balanced by the barycenter projection on the floor

Small body with stable and flexible movement

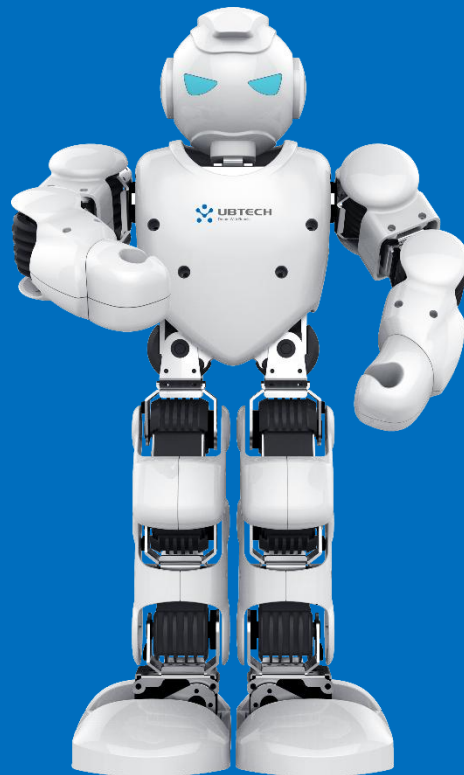# Flexible

Humanoid Design

Simple

User Friendly
Operation

Durable
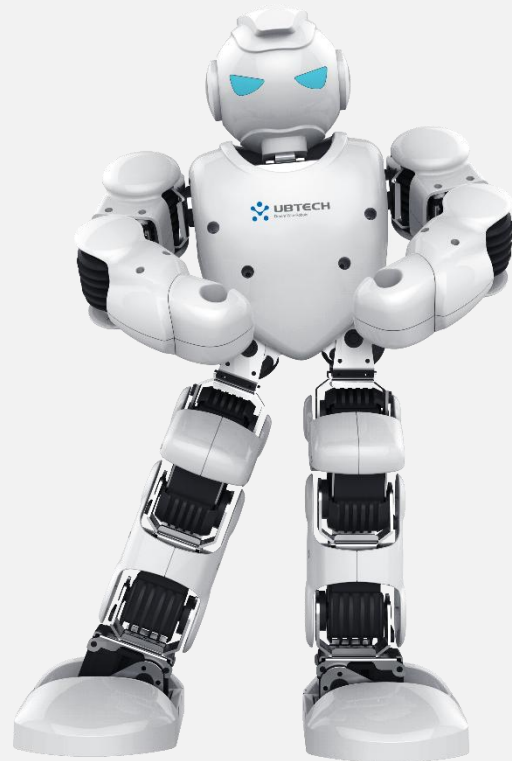
Powerful and Safe

Control by Using APP
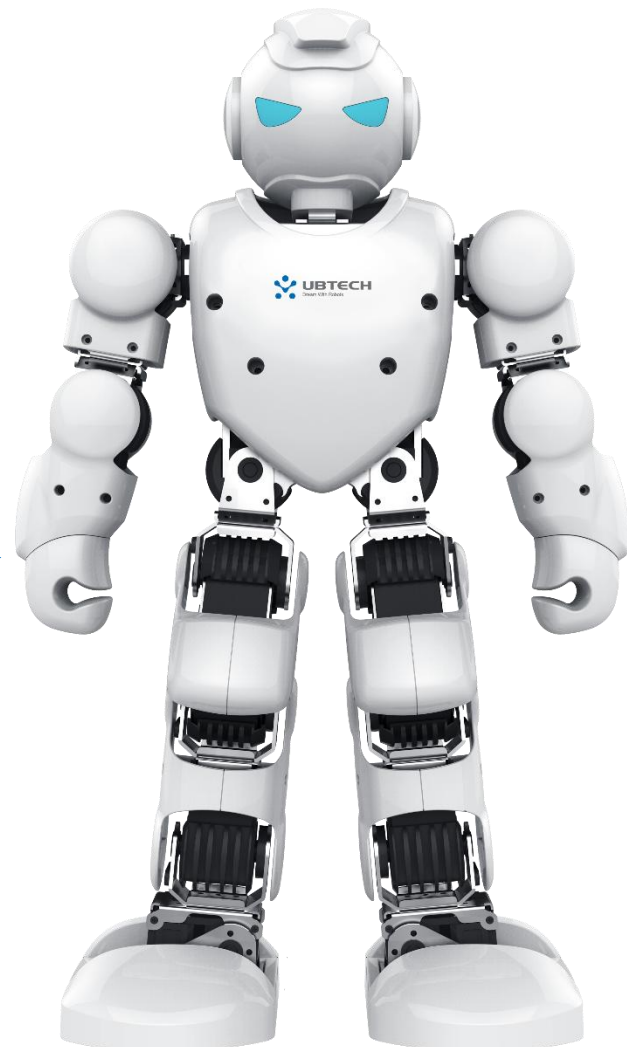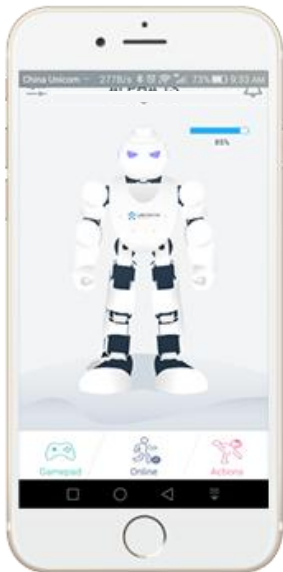
Visual Programming PC Software
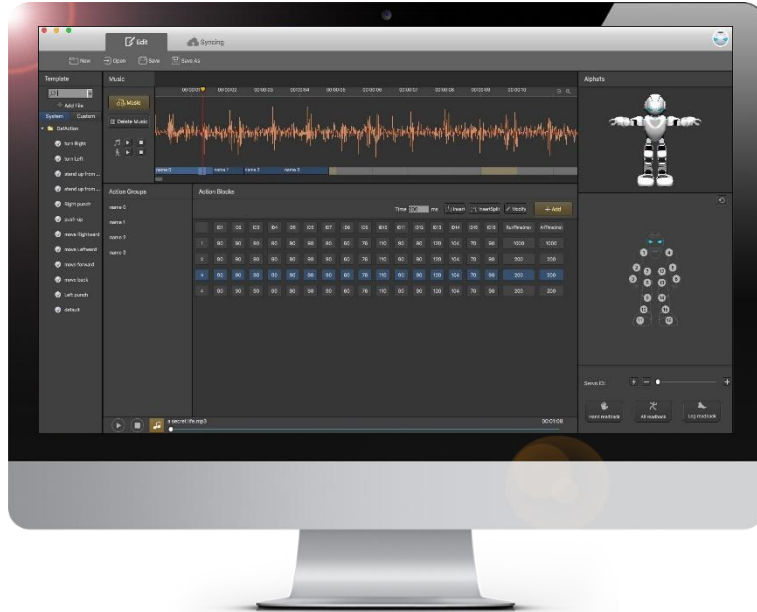
From complete beginners to advanced programmers, this 3D software can help you program me easily!

Visual   Intuitive   Ease of use

PRP (Pose, Record and Playback) Function

Pose
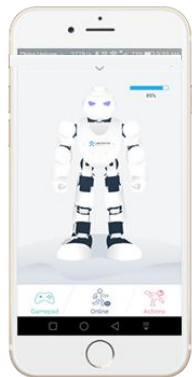
Record
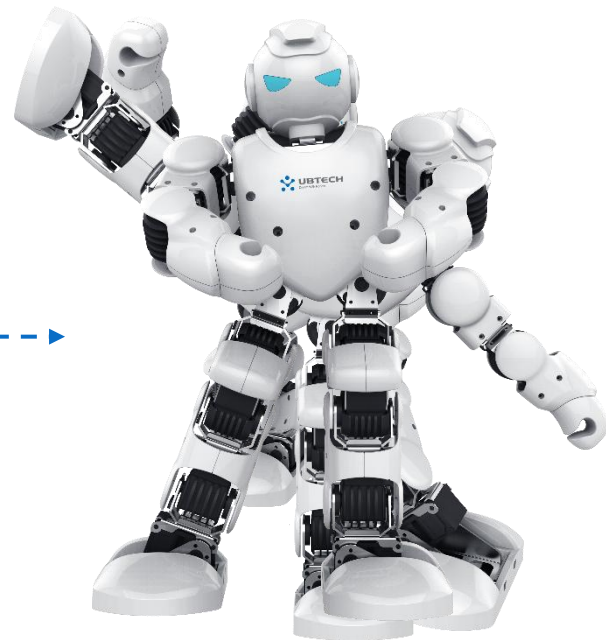
Playback

Flexible

Simple

Durable

Humanoid Design

User Friendly Operation
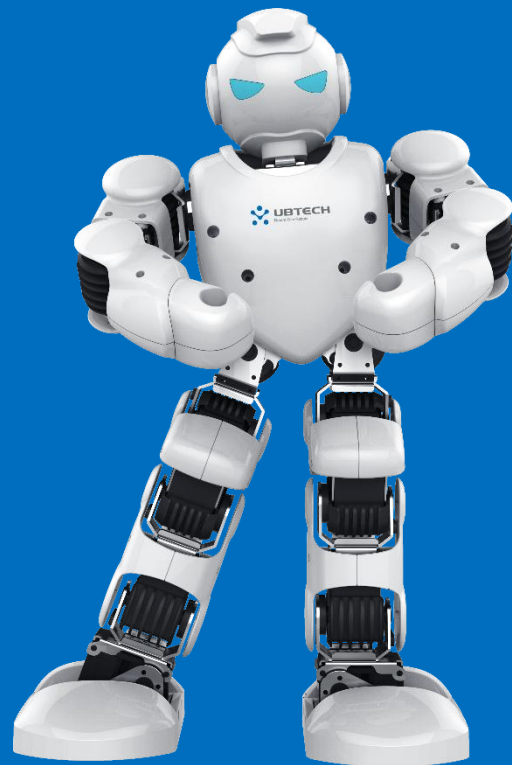
Powerful and Safe

Powerful Battery
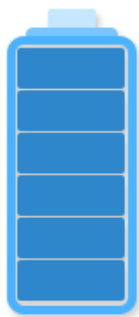
Low consumption

Strong cruising ability

Detachable with more convenience

Up to

60 mins

Safe and Durable Material

Safe material with **smooth** touch

Anti-abrasion and **durable**

High-class aluminum

Matte finish ABS housing

"Finger-friendly" Design

"Finger-friendly" design

Makes me a safer and more enjoyable companion for kids

Alpha1 Pro Parameters

Product		Alpha1 Pro
Body features	Dimensions	15.7" ×8.2" ×4.8"
	Weight	3.59 lbs
	Material	Aluminum alloy structure, ABS housing
Multi media	Degree of freedom	16 degrees of freedom
Hardware configurations	Speaker	3W Mono
	Processor	STM32-F103RDT6
	External storage	Standard 128M, maximum support up to 32G
	Control mode	Dual-mode Bluetooth 3.0/4.0 BLE+EDR
	Battery	7.4v 2200mAh
	Play time	≥ 60 mins/time
Software properties	Compatible systems	Windows/Mac OS/iOS/Android
	Software programming	Achieving the analogue simulation based on 3D visual PC software

Product Positioning

NAO
Best of Class Functionality, mainly focus on educational domain only
MSRP: $8000

PALMI
Stand-Up Only
MSRP: $2600

SOTA
Inter-Robot Interaction
MSRP: $1000 + $30/Month

PEPPER
Selling 1k/month only in Japan $1600 + Monthly

XIBOT
MSRP: $600

MSRP: $900

Alpha1 Pro
Priced to be the best robot value at $599 with enhanced performance compared to 1S

ROKID
Not Available Yet
Approx. MSRP: $750

JIBO
$4M In Presales
MSRP: $750 - $900

BUDDY
Basically a Rolling iPad
Preorder Only - Est Q4 2016
MSRP: $700 + $150 for Arms

$8000

$4000

$2000

$1500

$1000

$500

UTILITARIAN
ROBOTS

COMPANION
ROBOTS

ENTERTAINMENT
ROBOTS

Product Package & In-Store Display

MSRP
$599
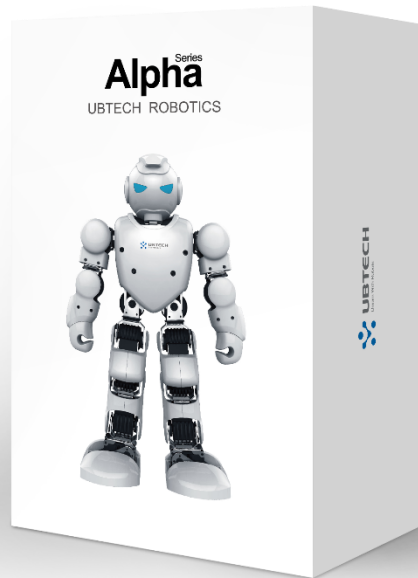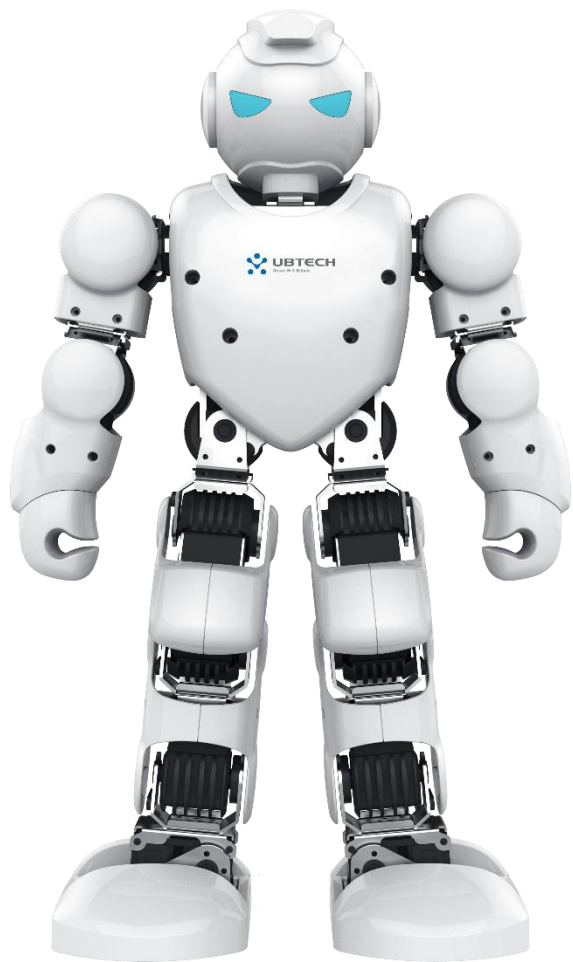
Global Sales Network

UBTECH

Dream With Robots

www.ubtrobot.com