GATEIN TECHNOLOGY
جيت ان تكنولوجي

PRODUCT PRESENTATION · AI EDUCATION

UBTECH UGOT

Configurable Bio-inspired Robots for AI Education

Versatile builds, high-performance computing and an open-source system for AI teaching in schools and institutions.

Presented by GateIn Technology · Exclusive UBTECH partner in Egypt



gateintech.com · Benchmark Tomorrow's Tech.

UGOT Fast assembly for 7 robots



Modular design

Reconfigurable parts that combine into seven unique robots.

Innovative dial lock

Fast, secure connections between modules.

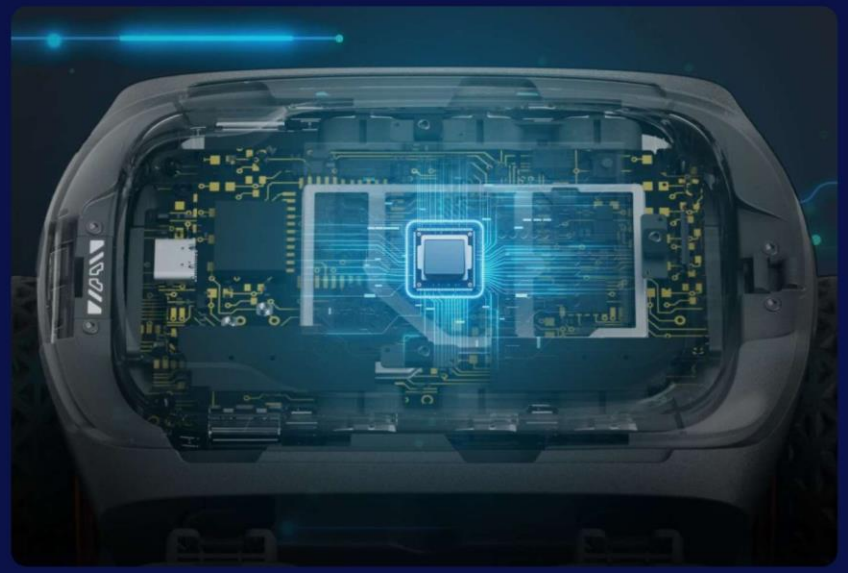
Two-minute reconfiguration

Switch from one robot form to another in about two minutes.

Imagination inspired

Students design and build their own bio-inspired robots.

High-performance computing for AI education



4-core CPU + NPU + GPU

10 trillion computations per second.

Multi-algorithm parallel processing

Runs several AI models at once.

Advanced algorithm models

Ready for advanced classroom projects.

Offline model training

Train models on the robot itself.

Diverse teaching scenarios

From basics to competitions.

Long battery life

2600 mAh battery supports 2 hours of AI instruction.

AI algorithms and applications

6+

SPEECH

VAD, ASR, TTS, NLP, 360° far-field speech recognition

17+

VISION

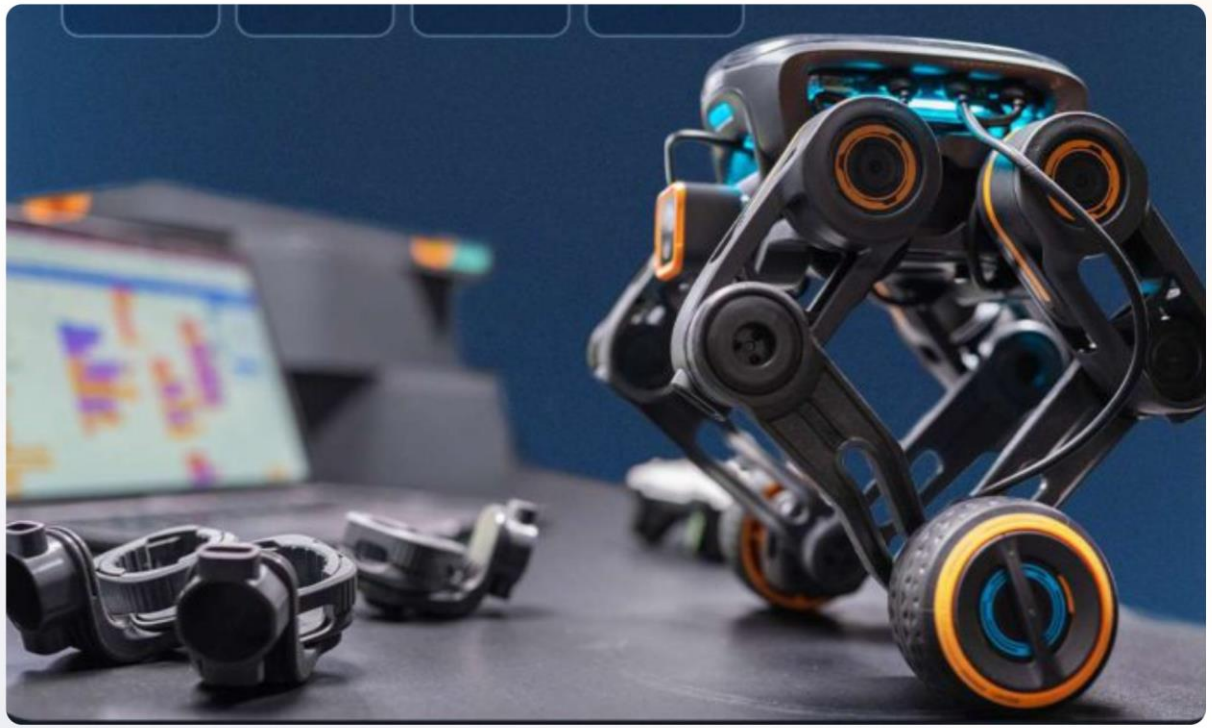
QR code, traffic sign, licence plate, colour, face, posture, OCR, gesture, custom model training

7+

MOTION CONTROL

Self-balancing car, odometry, robotic arm, quadruped and wheeled-leg locomotion

Open ecosystem infinite possibilities



Third-party hardware

Works with micro:bit, Arduino, Raspberry Pi and compatible DIY components.

Open Python SDK

Students move from graphical blocks to real code.

Comprehensive UGOT education solution



Fits multiple scenarios

Schools and institutions.

Robust curriculum system

Regular courses, club courses and competition courses.

Competition platform

Participation in national events.

Comprehensive teaching services

Consulting, training and competition services.

GateIn One accountable partner

We don't just ship the UGOT. GateIn designs, supplies, installs, integrates and supports UBTECH solutions for universities, schools, government and industry, from the first plan to long-term support.

+120
ROBOTS SUPPLIED IN EGYPT
Industrial, service and educational

91
LABORATORIES
Across 45 institutions

+30
STRATEGIC & GLOBAL PARTNERS

5
YEARS OF DELIVERY
Since 2021

Design | Sourcing | Installation | Integration | Training | Long-term Support

An integrator, not a vendor.

Exclusive UBTECH partner for Egypt

GATEIN TECHNOLOGY
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Let’s plan your UGOT deployment

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