GANCUBE

MAGNETIC DRIVE

Navigation Throughout Full Turn

GAN17 MagDrive

Magnetic Drive Flagship



GAN17 MagDrive

- Celestial Magnetic-Dynamic System
- Full-Angle Navigation
- Maglev
- Omni-support Spherical Orbit

Celestial Magnetic-Dynamic System

One Magnet Core Three Magnet Realms Navigation Through Full Angle

All-new Celestial Magnetic-Dynamic System. Record-setting 196 magnets.
The one core and three realms in perfect harmony.
It's a new era of Full-Angle Navigation.



Micro Magnetic Core

A Magnetic-Powered Cosmos Born from This Core



17.5mm

A record-breaking compact core, unlocks ample space for magnet embeddment.



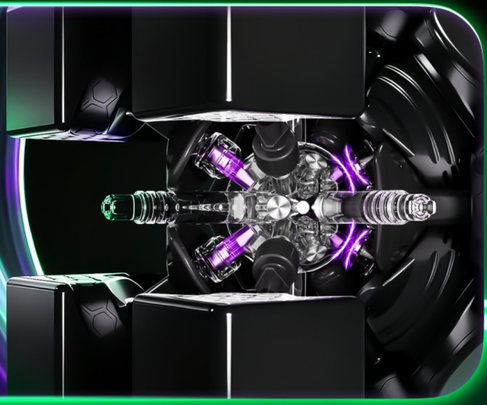


20 Magnets

Continuous high-flux magnetic energy. Source of the core magnetic realm.

Two-Way Magnetic Flow

Magnetic attraction & repulsion work together. Layers drift in a maglev way.



Core | Dynamics Realm

40-Magnet Core
Magnetic Drive Always On

A dense magnetic net and precise sensing keep magnetic force flowing through the core, powering countinuous nagivation throughout the full turn.







Middle | Relay Realm

Transition From In to Out
Fully Magnet-Covering In and Out

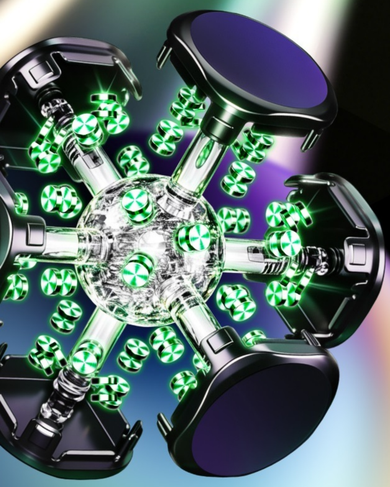


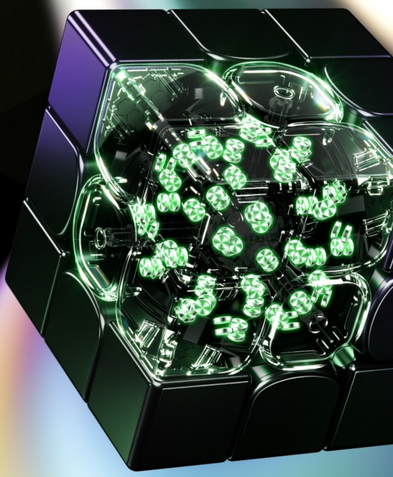
Dual Magnetic Repulsion
Less Resistance for Levitation

*Edge stalk magnets and magnets inside edge pieces repulse each other.

*Center piece magnets and corner stalk magnets repulse each other.







96 Magnets
Zero Blind Spots

One-to-many and many-to-many magnetic interactions.
Fully linear magnetic control.

Magnetic Dynamics
In One Magnetic Flow

Core and outer realms work in perfect sync, guiding every angle together.

Outer | Alignment Realm

Outer Layer Alignment Precisely Locked On





Edge side magnets

×24



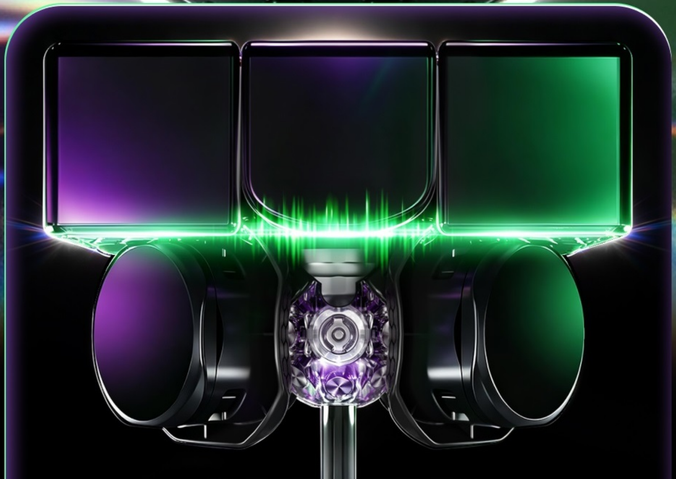
Corner side magnets

×24

Omni-support Spherical Orbit

Outer Support, Inner Alignment A New Kind of Speed and Stability





Magnetic Attraction

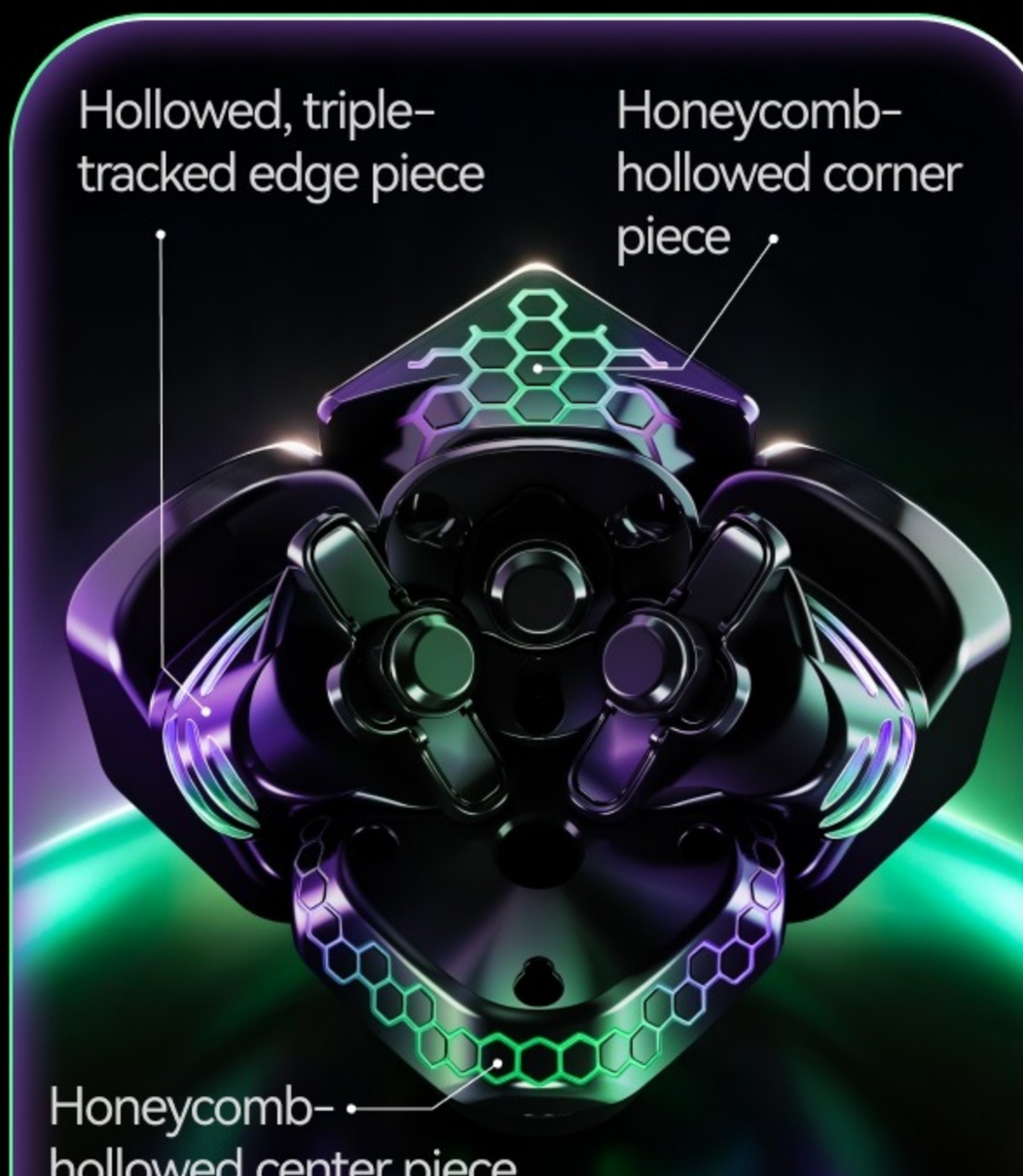
Invisible Magnetic Force. Whole Layer Unified.

Magnetic force is embedded into the stalk structure, combined with inner-edge and inner-corner magnets, locking the pieces together for a tighter, more stable layer.



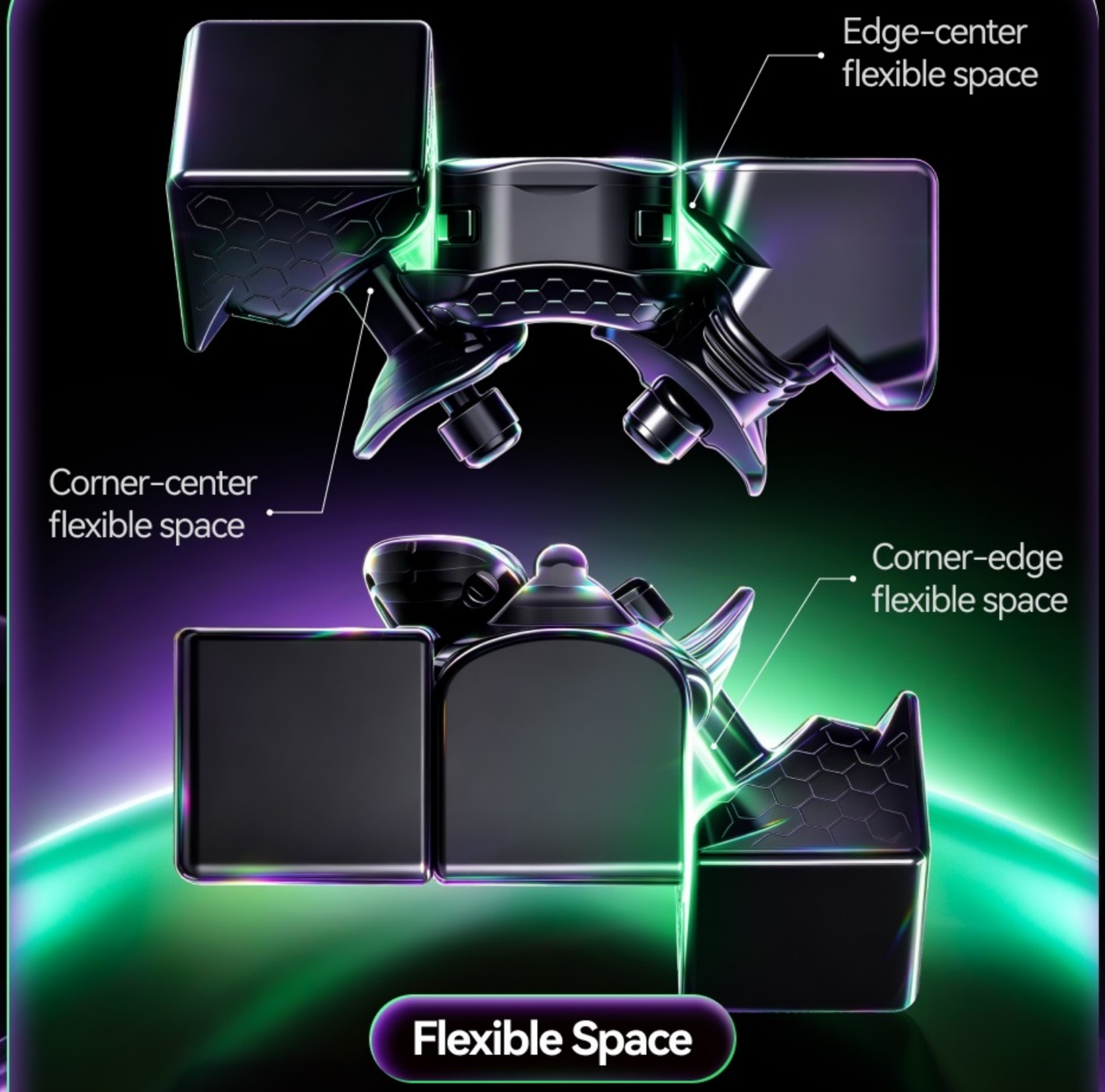
Omni-support Orbit

Locked Together.
Stable Forever.



Ultra Hollow Design

Steady support.
Friction least. Speed max.



Flexible Space

Glides through every turn.
Built for speed.

Full-Freedom Numerical Tuning

Any Maglev Feel Own It in One Tune



Magnetic GES System

Maglev in Slide Silence in Turn

0 friction. 0 lockups. Pure silence.



Numerical Tension Tuning

72 Gears of Tension Perfectly Set in One Dial

With 12 magnetic tension gears and 6 center-travel gears, tuning is numerical and intuitive. Paired with the dedicated tuning tool, your ideal feel is just one dial away.



Full-Freedom Magnetic Turning

Corner & Edge Magnetics Tune Your Way

3-gear corner magnet rods let you switch between strong, medium, and light magnetic strength. Detachable edge magnet rods enable or disable edge magnetic repulsion at your will.

Top Hardware





90° Full Corner-Cutting

Slides in Place



Snap-in Splicing

Solid All Over



Dual-Locking-Tab Center Caps

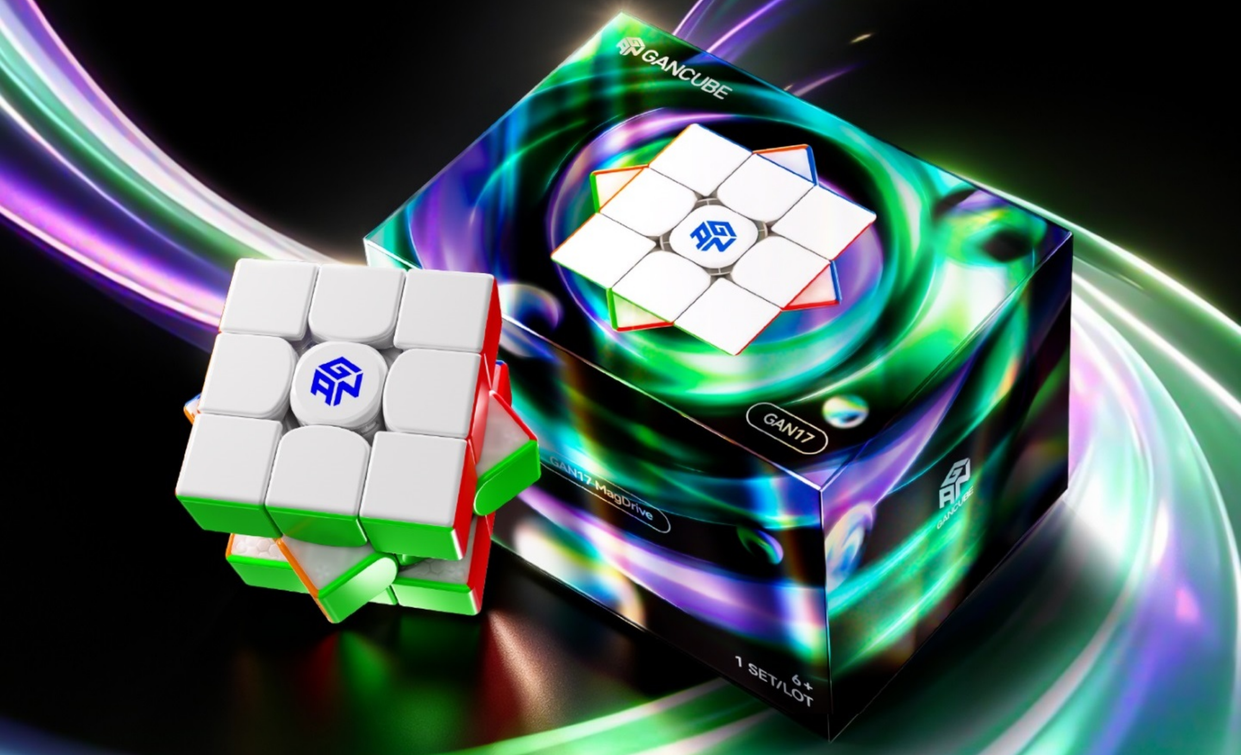
Easy Open with Hands/Tools



Honeycomb Touch Face with Tracks

Smooth for Longer Ever

Packaging & Accessories





Cube bag



GAN17 ID Card



GAN17 BOX



Cap-opener



Tuning tool



Manual



Magnet Rods

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