Vector™

The Robot to Life With

Vector by Anki, a helpful robot for your home.

- More than a home robot, Vector is a companion made to help out and hang out.

- Powered by AI and advanced robotics, he's alive with personality and engaged by sight, sound, and touch.

- Curious and attentive, he's voice-activated and will answer questions, take photos for you, time dinner, show you the weather, and more. Vector voice features are currently English language only.

- Vector can independently navigate and self-charge. He recognizes people and avoids obstacles.

- Vector is an updating platform, cloud connected via WiFi so he's always learning and updating with new skills and features. Start the journey with him now.

- Requirements: a compatible iOS or Android device and the free Vector app for set up only. Check compatibility at anki.com/devices. Includes 1 Vector robot, 1 Cube, 1 charger (USB power adapter not included).
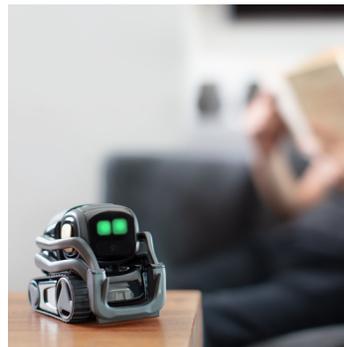
Vector Key Features

Alive with personality.

Vector is no ordinary home robot. Packed with technology that brings him to life, he's curious and attentive. He reacts to sound, sight, and touch and is excited to see you when you come home.

Always happy to help.

Vector is a helpful character who is eager to accommodate your requests and answer your questions. He'll time dinner, take photos for you, and more.
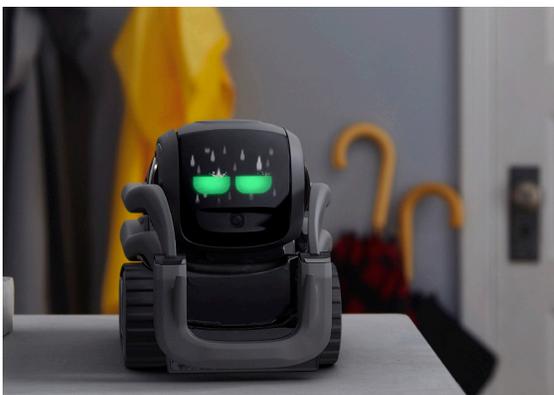

Independent and alert.

Vector is happiest with you, but he can take care of himself and hang out on his own. He self-charges, navigates around objects, and avoids edges.

Smart and getting smarter.

Stay tuned for more skills and capabilities to come. Vector is continually learning and cloud connected for updates to bring exciting new features for your home.

How Can Vector Help?

Vector will show you the weather, take photos for you, time dinner, play blackjack, and more skills are coming. Also, Vector is knowledgeable on a variety of topics. To ask Vector a question, simply say, "Hey Vector" followed by "I have a question," and he'll get to work on an answer. Here is a sample of the things you can ask him:

- Unit Conversion: How many ounces are in a cup?
- Word Definition: What is the definition of "awesome"?
- Equation Solver: What is the square root of 36?
- Nutrition: How much vitamin A is in an apple?
- Pop Culture: Who is Madonna?
- Sports: Who won the World Series?

Vector knows what's going on.

HE CAN SEE

Vector uses an HD camera to see the world. Using computer vision, he can identify people, see and remember faces, and navigate his space without bumping into things.

HE CAN HEAR

Vector has a powerful four-microphone array for directional hearing. When you sit down next to him, he's ready to take direction. And if there is a loud noise, he'll be just as startled as you.

HE CAN FEEL

Vector has touch sensors and an accelerometer so he knows when he's being touched and moved. You can pet him and he'll relax, but try not to shake him.

HE CAN THINK

Vector combines a processor capable of running a smartphone with cloud connectivity to create one powerful brain. It means he can process his environment, react as things unfold, and connect to the internet to answer questions and tell you the weather.

HE CAN COMMUNICATE

Vector has a unique voice made of hundreds of synthesized sounds to create a language all his own. When you ask Vector a question, he utilizes a custom text-to-speech voice to speak directly to you.

HE CAN SELF-CHARGE

Vector knows when he's running low on juice. When he needs power he'll roll over to his charger all on his own (mobile phones and electric cars could learn a thing or two).

What's Inside Vector? AI and advanced robotics.

- Qualcomm® 200 Platform – so he computes at a smartphone level
- Capacitive Touch Sensor – helps him sense being touched and held
- Beamforming 4-Microphone Array – allows him to recognize natural speech and source
- Ultra-Wide HD Camera – helps him detect motion and identify people
- 4 Drop Sensors – detects edges to help him avoid falls
- Infrared Laser Scanner – lets him track distance and map environments
- 6-Axis Inertial Measurement Unit – so he knows when he's picked up or moved
- High-Res Color IPS Display – helps him convey a wide range of emotions
- WiFi-Enabled Cloud Connection – brings him new capabilities

Vector box includes: 1 Vector robot, 1 Cube, and 1 charger (USB power adapter not included)

"If any company eventually brings us a domestic robot like Rosie from The Jetsons, Anki is a good bet."
FAST COMPANY

"Vector is not a toy but rather a joyful, smart home robot."
MASHABLE

"...a must-have if you've always wanted a sci-fi style robot in your home."
THE DAILY DOT