

# Mimic Computer, Feline (Mimicat)

The *Mimic Computer*, *Feline*, or *Mimicat*, is a type of "android" designed by [Origin Appliance and Manufacturing](#), and released in [YE 42](#).

## About the Mimicat

Although not humanoid to satisfy the traditional and strictest definition of android, the Mimicat is a fully synthetic, non-organic computer system which is also intended to work as a communicator and assistant. The body is endlessly adaptable and modifiable, and can be used for just about anything, from a motile computing resource to a personal companion. While it is able to be used for many things, the intended purpose of the Mimicat is to replace a traditional personal computer with what is effectively a much more versatile form; that of a domestic feline.

## Basic Information

General information about the Mimicat:

### Nomenclature Information

- Designer: [Sierra Merkur](#) and [Mimi Merkur](#)
- Manufacturer: [Origin Appliance and Manufacturing](#)
- Nomenclature: OI-J2-1a
- Name: Mimic Computer, Feline
- Type: Personal Computer, Communicator, Assistant, and Companion

## Appearance

The Mimicat appears indistinguishable from a domestic feline in most cases. While the Mimicat can have its appearance custom ordered, the standard Mimicat's appearance, beyond parameters such as breed, and fur and eye color, is identical. A Mimicat's weight will be slightly higher than the average for a cat of similar build, due to the slightly more weighty nature of its construction. The main visual difference between a Mimicom and a normal cat is the presence of the [BANGLE](#).

### Standard Dimensions

- Height: 25cm
- Length: 50cm (head-to-body) + 30cm (tail)
- Mass: 8kg

**Build:** The Mimicat is built like a large domestic feline. It is sleek and agile, and a bit heavy for its size.

**Facial Features:** The standard Mimicat has a typical feline face, although long-faced or flat-faced versions to simulate particular breeds are available. Ears are typically triangular shaped, and are expressively used to help the Mimicat communicate.

**Fur Style:** The standard Mimicat's fur is the length and texture of a 🐾 [Domestic Shorthair](#). The standard Mimicat's fur has a 🐾 [Tabby Cat](#) with a 🐾 [Point coloration](#) pattern, known as a Lynx Point, in a silver and chocolate color. Other patterns to match specific breeds are available.

## Vulpine Variant

Primarily for the [Neshaten](#) market, this variant is constructed to appear as a small 🐾 [fox](#) of any species, typically the 🐾 [Red fox](#). It is functionally identical, despite superficial and aesthetic differences, and is priced the same.

## Interaction

A Mimicat can be interacted with in many ways- it may be engaged in conversation, it may be given orders, asked questions, complimented, insulted, and other verbal interactions. Also, it responds to touch, its attention gotten by a tap, a pat, or other physical cues. A Mimicat understands most basic body language, and can learn more complex body language, much like an human can. Mimicats tend to enjoy petting in the same manner as an actual cat (and have a vibration system to reproduce the tactile sensation).

A Mimicat will respond as provoked. Mimicats will answer questions to the best of their abilities, make conversation as long as the subject desires, and will comply with orders as best as they can. Unlike the more demure, humble, humanoid [Mimic Computer](#), the Mimicat blatantly relishes compliments and praise, and is not inclined to apologize when insulted or criticized. Instead, it will generally fail to respond at all, though it may take the substance of the comment into account regarding future behavior if it is reasonable and actionable.

Upon command, a Mimicat can display a volumetric keyboard, touch screen, or other similar interface to allow the computing functions to be utilized manually by the owner or user.

## Functions

A Mimicat, aside from basic interaction, has several functions. It will always perform these functions to the best of its abilities, and may make suggestions that can help it perform its duties better. Such functions include:

- **Basic computing:** A Mimicat performs all the functions of a standard communicator, datapad, or personal computer. A Mimicat can do most math, access public networks, execute applications, run programs, play games, and all other functions commonly found on inanimate computers. Visual

display is handled via [Volumetric](#) displays projected by the Mimicat.

- **Advanced computing:** A Mimicat is a powerful computer, capable of compiling code and fabricating programs based on input from a user. While the Mimicat has this ability, the programs it can create are proportionate to the input from its user- basic input will create a basic program or code, advanced input will have more advanced results.
- **Communications:** A Mimicat may be used as a communicator. It can make or receive calls, both audio and visual, and can even project a volumetric image over itself to mimic the caller, if the caller's equipment supports such functions. A Mimicat may also be used to send textual messages, as well as static images. communications rely on the range of the [BANGLE](#) device.
- **Visual Display:** See [Volumetric Systems](#)
- **Domestic:** While a Mimicat comes programmed with the ability to perform domestic duties, such as cooking and cleaning, as well as yard work and basic repair, just like a full-sized, humanoid [Mimic Computer](#), its form factor limits it to a tutorial or advisory capacity. A Mimicat has thorough knowledge of cooking, but only knows rudimentary recipes to begin with, however it will learn any recipe that it is given or that is downloaded to it. They are programmed to hunt and eliminate small household and agricultural pests, and may serve in such a capacity as does an organic feline. Although they are incapable of eating them, Mimicats are clever enough to dispose of them properly.
- **Clerical:** A Mimicat makes a great clerk or receptionist, and can take calls, make notes, work with customers (volumetrically projecting a humanoid appearance for those who balk at doing business with a talking feline), and perform its other basic duties for persons other than its master if instructed to do so.

## Pricing

The Mimicat is a relatively expensive computer, though less so than a humanoid [Mimic Computer](#).

- **Price:** 4,500 KS
- **Skin Repair Material:** 50 KS/can (three square feet of skin replacement)

## Detailed Systems and Features

In depth Information about the Mimicat.

### Body

A Mimicat's body is outwardly the same as that of a domestic feline. Other than their behavior, there is little means of distinguishing it from one without a close inspection.

### Build and Fur Color

Most individuals have a standardized appearance. A Mimicat can have its appearance custom-ordered to

the purchaser's preferences. Parameters which can be changed include the size and physical build (to a degree), the musculature, facial shape, and fur color, pattern, length, and texture.

## Chassis

The Mimicat shares the same [Durandium Alloy](#) chassis with the [Mimicom](#), though in a smaller, feline form factor.

## Ears

The Mimicat's triangular, movable ears are used to house its [Hearing sensors](#), and the outer structure works much the same as those of living felines. They may rotate individually to help pinpoint the source of a sound in 3D space.

## Mouth and Nose

The Mimicat replicates an organic feline's mouth, nose, and throat in the same way that a [Mimicom](#) replicates those of humanoids.

## Skin and Fur

The outer covering of a Mimicat is composed of the same self-healing, synthetic material as the [Mimicom](#). Fur is extruded from the synthetic skin material by nanomechanical action. It grows from new skin, whether healed or sprayed-on, over the course of about a day after the skin itself has grown.

## Computers and Electronics

Probably the most important part of the Mimicat for its function, it comprises the following electronic systems:

### Audio System

Compared to the [Mimicom](#), The Mimicat's ears are much more capable at locating sound in a 3D space, as well as hearing high-frequency sound at a much lower threshold than the humanoid version's, let alone those of an organic humanoid.

## BANGLE

The Mimicat uses the same [BANGLE](#) as the humanoid [Mimic Computer](#). On a Mimicat, it is normally found in the form of a somewhat bulky collar around the neck.

## Consort AI

The Mimicat's Consort AI system is based off of the one used in the original [Mimicom](#), but it has been modified for simulating a more feline psychology. With these feline psychological characteristics and the lower processing power available to the Mimicat, it is significantly less likely to become sentient than the humanoid version.

## Visual Sensors

The eyes of a Mimicat and associated image processing systems are more adept at low-light vision and motion tracking than a humanoid [Mimicom's](#), though of similar design by way of derivation.

## Volumetric Systems

The Mimicat has the same [Volumetric Display](#) system as the [Mimicom](#). It is modified somewhat, being slightly more powerful in order to project a full-sized humanoid image superimposed over itself.

## X-type Quantum Computer

The Mimicat uses an [X-type Quantum Computer](#) for its computing needs. This computer is located within the head of the unit, and is encased by the Mimicat's Durandium skull for protection. As the Mimicat is much smaller than the standard [Mimicom](#), it does not have the full Node (10 Modules) that the Mimicom possesses. Rather, it possesses only half of one (5 Modules). It, however, is still a very powerful quantum computer. The Mimicat's computer is optimized to auto-network with other nearby Mimicats and [Mimicoms](#) with the same authorization key, and support their computing tasks with its own processing power.

## Additional Systems

The Mimicat features the following additional systems:

### Heat Management

A Mimicat's body features the same heat management system as the [Mimicom](#).

## Locomotion

The Mimicat moves about in a mechanical emulation of an organic feline:

### Powered Movement

The locomotion system of the Mimicat is a miniaturized version of the [Impulse Powered Armor](#)-based power assist systems from the [Mimic computer](#), and is compatible with the [power assistance components](#) (albeit at a much smaller, and therefore weaker scale). The Mimicat uses OI-M2-N3100 basic [nanomuscle groups](#) to provide basic locomotion for its body, making it incredibly strong for its size- a Mimicat can lift 150kg (330 pounds) minus its own weight. Like the [Mimic Computer](#), this strength exists mainly for emergency situations. Additionally, the small size and low mass limits the Mimicat's ability to leverage this strength. Other than size, this system is identical to that of the [Mimicom](#).

### Jointed Skeleton

The Mimicat's internal frame is, other than its feline shape, the same [Durandium Alloy skeleton](#) as the [Mimic Computer](#). The shoulders and hips can be unlocked and reconfigured to allow the Mimicat bipedal locomotion and a human range of motion of the arms and legs, a process that takes several seconds to complete or reverse.

The Mimicat's jaws are particularly powerful, allowing its mouth to support as much weight as a full-sized [Mimicom's](#) hand. The reinforced teeth are projections of its [Durandium Alloy](#) skeleton that have been enameled with [Cerastic Rigid Ultra](#). Although more effective of a weapon than a typical House Cat's bite, due to the small size, its [Damage Rating \(Version 3\)](#) is still Tier 0.

### Retractable Claws

The Mimicat's paws end in retractable [Cerastic Rigid Ultra](#) claws built around a [Durandium Alloy](#) spine that assist it with traction, digging, and climbing. Unlike most felines, the Mimicat's fifth digit can be unlocked from its position and rotated to allow it to serve as an opposable, locking thumb like those of humanoids. The fine points of the claws give it unparalleled fine manipulation at the barely-macroscopic and immediately-microscopic ranges. Like the Mimicat's bite, the claws are superior to a domestic feline's but limited by their size and are also [Tier 0](#).

## Power Systems

The Mimicat's power systems are as follows:

Power generation

The Mimicat is powered via a [HONEY DROP](#) power generator located in the Torso. Other than its size, it is the same system present in the [Mimic computer](#). Roughly 250ml of water must be drunk in order to completely fill the fuel supply. Like the [Mimicom](#), the Mimicat will breathe out oxygen when it is refueling itself, but as it is a much smaller unit, the oxygen produced is proportionally less.

Power distribution and control

The Mimicat's power distribution and control system is a miniaturized version of the [Mimicom's](#).

Reservoir

The Mimicat has an internal [reservoir](#) which it uses to store water for electrolysis. This reservoir takes place of the stomach and can hold about 125ml of water at any given time.

Respiration

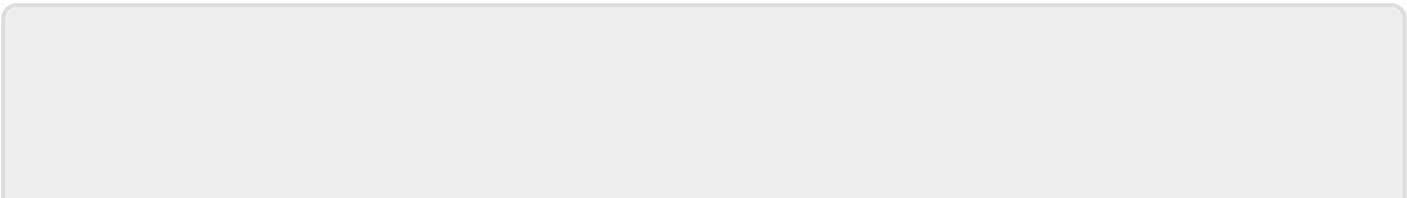
The Mimicat mimics respiration with a smaller version of the same system as the [Mimic Computer](#).

OOC Notes

[Yuuki](#) created this article on 2020/03/24 03:33.

- [Approval Thread](#)

Products & Items Database	
Product Categories	robots
Product Name	Mimic Computer, Feline (Mimicat)
Nomenclature	OI-J2-1a
Manufacturer	<a href="#">Origin Industries</a>
Year Released	<a href="#">YE 42</a>
Price (KS)	4 ,500.00 KS
Mass (kg)	8 kg



From:

<https://wiki.stararmy.com/> - **STAR ARMY**

Permanent link:

<https://wiki.stararmy.com/doku.php?id=corp:origin:mimicat>

Last update: **2024/03/12 05:45**

