

# MT-G3-e3500 Molecular Circuitry Computer Core



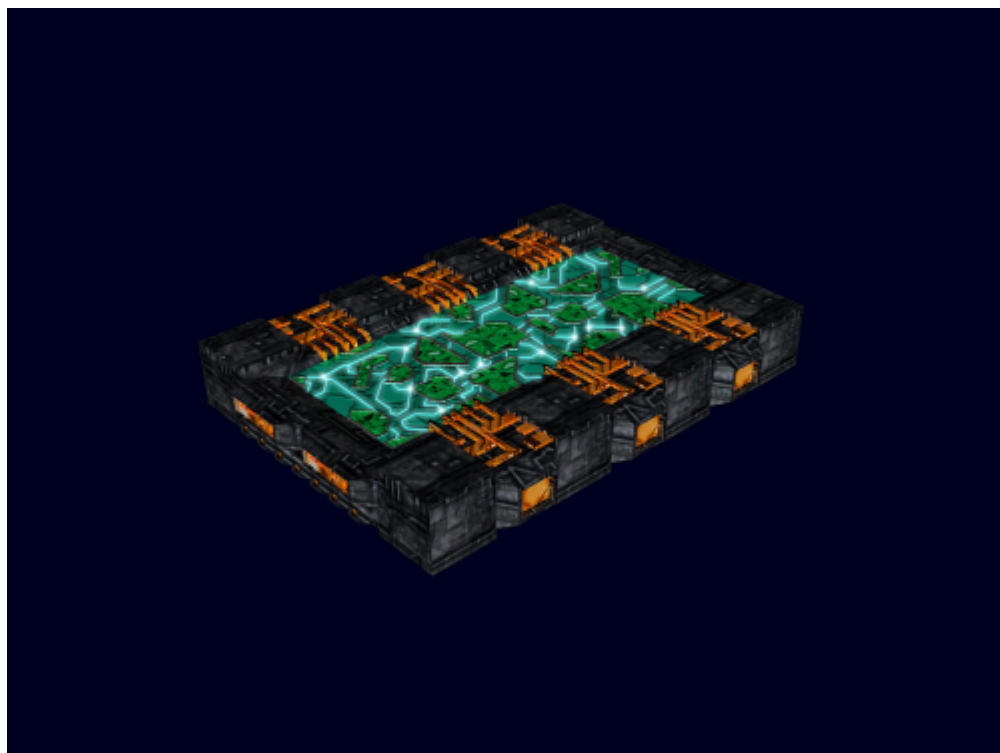
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The *MT-G3-E3500 Molycirc Computer Core* is an advanced multi-purpose [molycirc](#)-based [quantum neural-net](#) computer manufactured for use in a variety of hand-held devices. They are manufactured by [Murasaki Technologies](#) and first became available for purchase in [YE 36](#).

## About the MT-G3-E3500 Molycirc Computer Core



The *MT-J1-E3500 Molycirc Computer Core* is an electronic system based upon the design principals of [molecular circuitry](#) technology. The device is intended to process, store and convey information for a wide variety of purposes and within a range of devices; predominantly as the central processing unit within small hand-held devices like computer pads, scientific devices or as the “brain” for human-sized robotic machines and androids.

The majority of the computer cores interior is composed of 60 billion [MT-J2-E3500 Molecular Circuitry Nodes](#). These nodes store information as [quantum](#) data 'qubits', as well as communicate and share processing capability in a [neural network](#) fashion. The outer surface largely serves as an interface between the internal nodes and larger-scale technology.

The *MT-G1-E3500*'s total processing power and memory capacity is quiet vast despite its miniscule size, and it boasts nearly as many individual components and pathway connections as the nepleslian brain despite being a fraction of the physical size. The Molycirc core is sufficient to run hundreds of extremely complex programs or dozens of sentient AI simultaneously without losing performance.

Throughout the interior of the processing core there exists nanotechnology to aid in maintainence and self-repair; most of the internal molecular circuitry can be restored so long as the core is supplied with the required materials from an external source.

## Statistics and Performance

### General Information

Class: Electronic Subsystem Type: Processing Unit / Information Storage [Nomenclature](#): MT-G1-E3500  
Designers: [Murasaki Technologies](#) Electronics Research & Development Division Manufacturer: [Murasaki Technologies](#) Production: Mass Production Manufacturers Suggested Retail Price: 50 [KS](#) or [equivalent currency](#) Availability: Unrestricted

### Dimensions

Length: 3 millimeters Width: 2.15 millimeters Height: 0.35 millimeters Mass: 10.8 grams

### Performance

[Comparitive Performance Rating](#): Tier 13 Memory Storage Capacity: 55.87 exabytes Maximum Power Requirement: 2.4 kilowatts

## OOO Notes

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