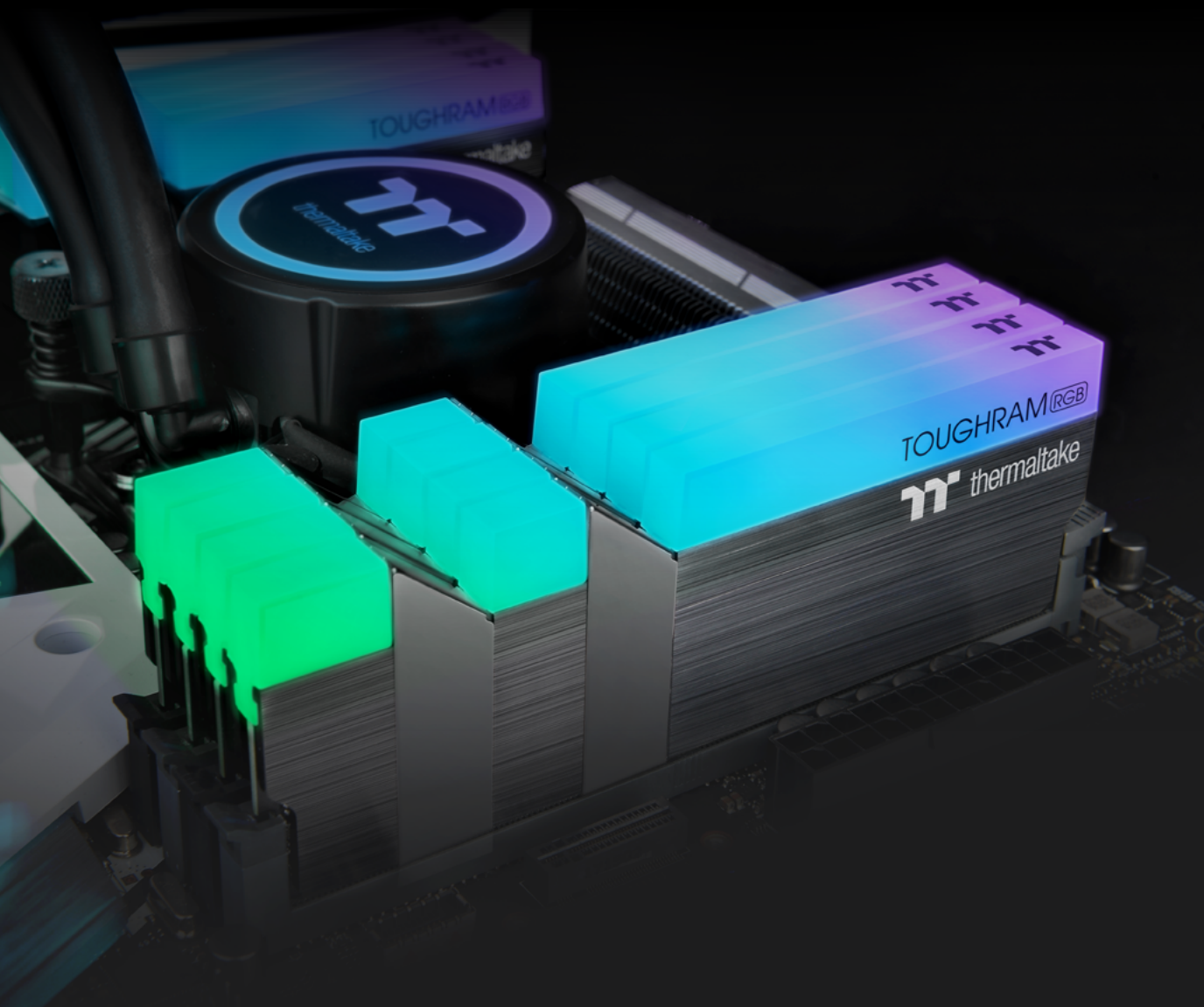




Illuminate and Impress

# TOUGHRAM RGB

3000 | 3200 | 3600 | 4000 | 4266 | 4400MHz 16GB





**WE CARE**

**WE SHARE**

## Spirit

Thermaltake continues to drive its core values of Excellent Quality, Unique Design, Diverse Combinations and Boundless Creativity to provide high-performance products for every PC enthusiast.

## Passion

Thermaltake endeavors to be the pioneer of the PC hardware market and is committed to achieving maximum user satisfaction with premium quality products and excellent customer service.

## Mission

The PC modding community is at the heart of our mission. We continue to innovate and listen to the valuable feedback of our enthusiasts in order to push new limits and boundaries.





# Design Concept

"Thermaltake continues to drive its core values of Excellent Quality, Unique Design, Diverse Combinations and Boundless Creativity to provide high-performance products. We continue to explore new possibilities with PC hardware and continue our passion for creating next level gaming peripherals. Next we would like to introduce the Thermaltake Memory Series, which is our first big attempt in delivering performance memory to more gaming enthusiasts."







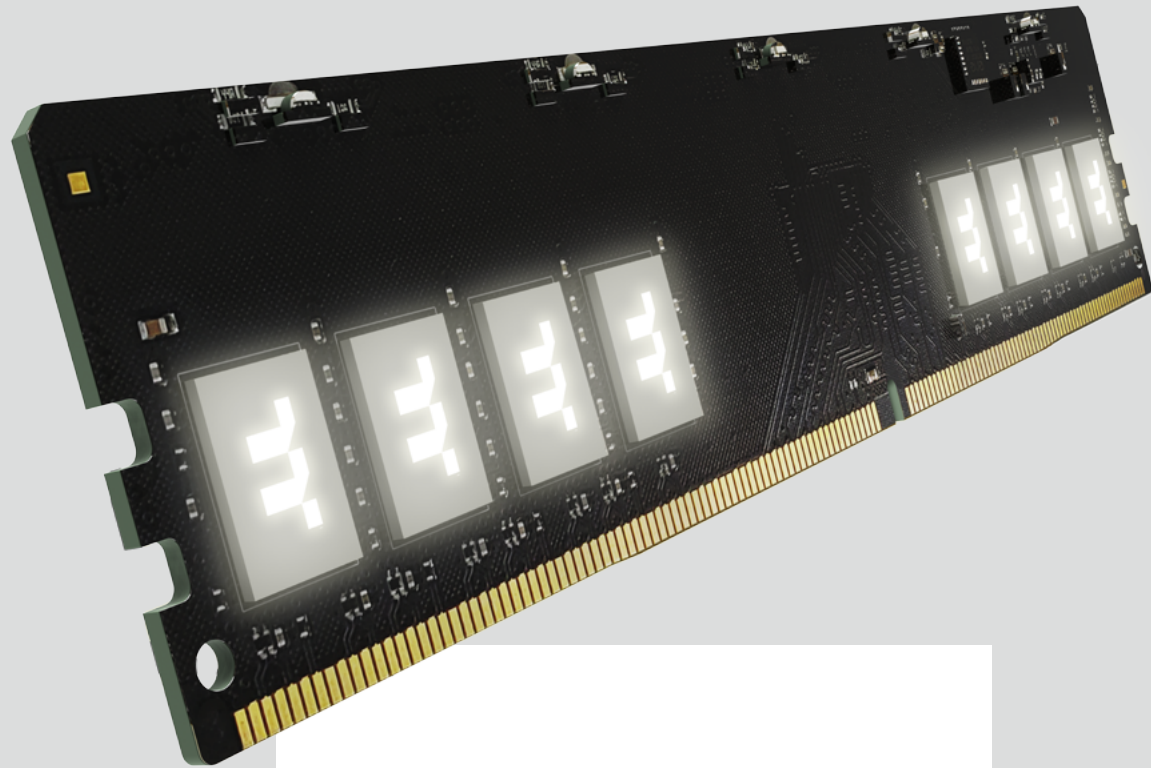
Illuminate & Impress

# TOUGHRAM RGB

Built with the highest quality of components to the highest of standards, the TOUGHRAM RGB delivers outstanding gaming performance with stunning RGB lighting maximized for effortless sync with your RGB ecosystem.







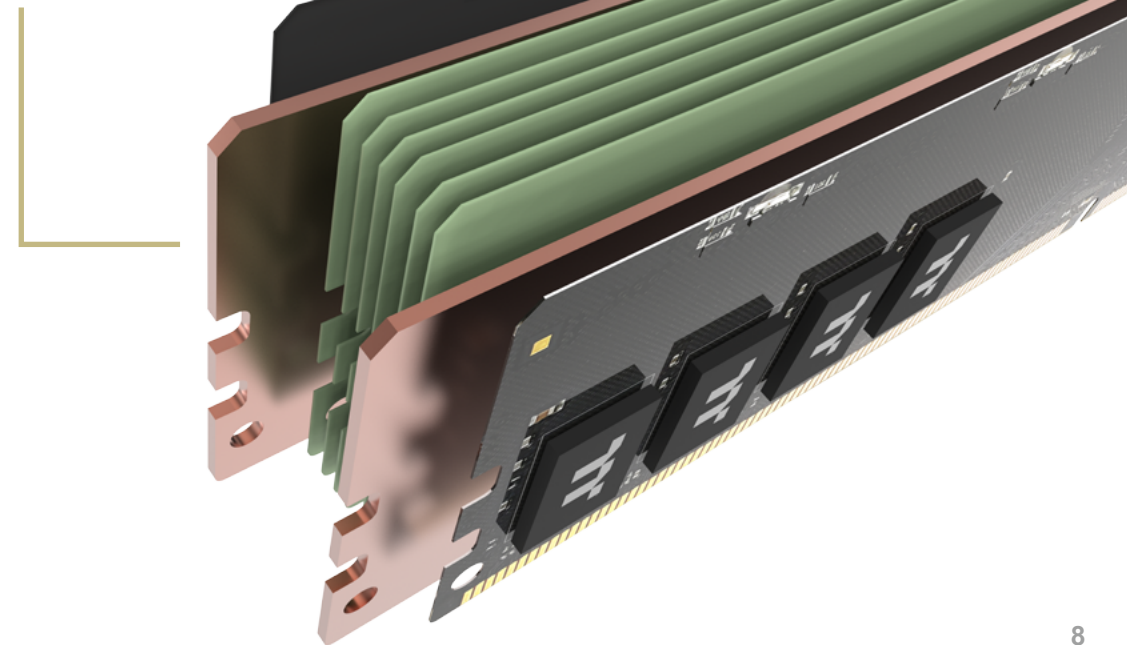
## Tightly-Screened ICs

Memory chips are thoroughly-screened to provide optimal frequency and response time performance.

## 2oz Copper PCB

Specially optimized 10-layer PCB with 2oz copper inner layer provides enhanced electrical conduction to deliver uncompromised speed and reliability for maximum overclocking performance.

2X Copper Inner Layer



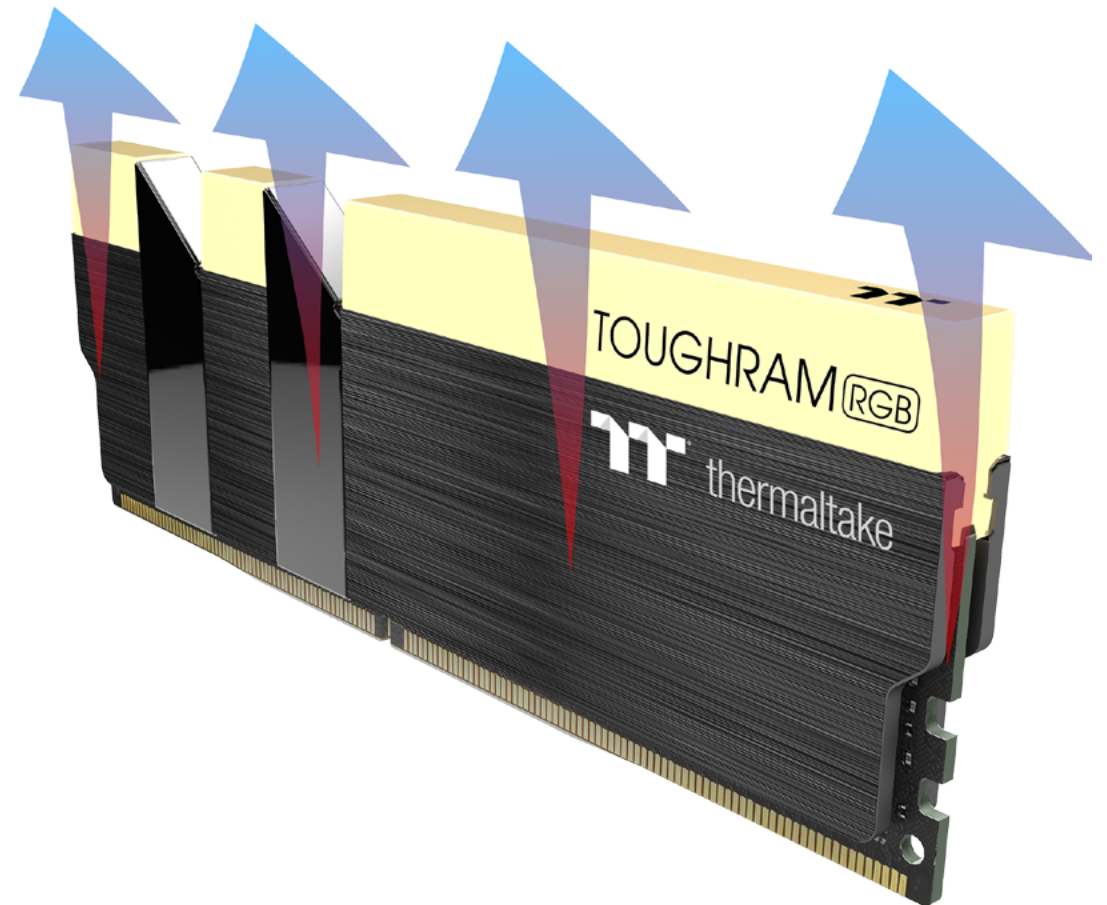


# Aluminum Heat Spreader

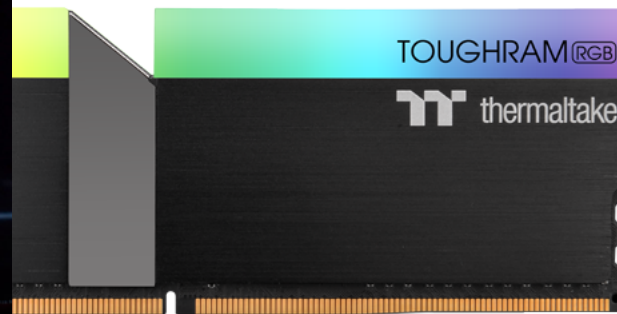
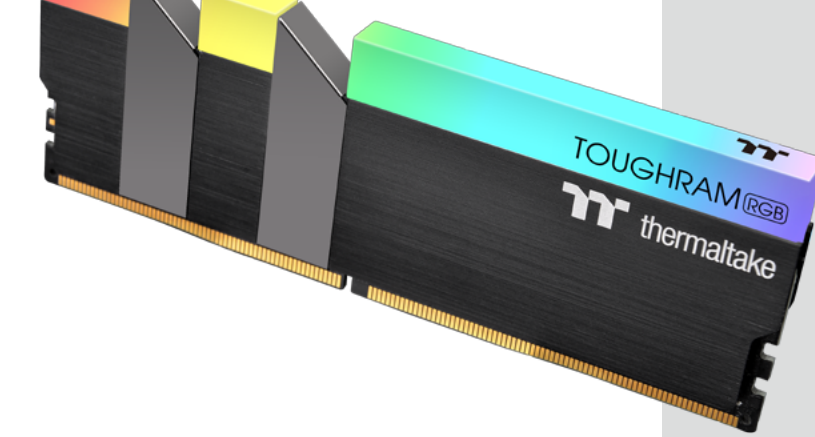
Use of brushed aluminum heat spreader delivers exceptional heat dissipation to meet high-performance needs.

## High Quality Gold Fingers

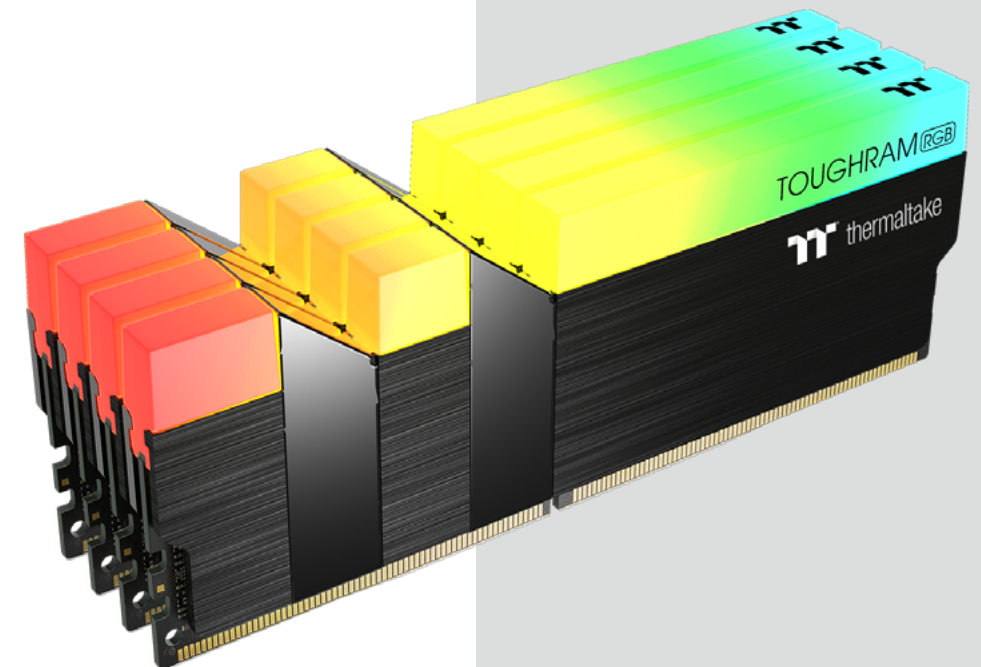
Use of 10 $\mu$  gold fingers for enhanced durability and high wear resistance.







10 super-bright addressable LEDs deliver 16.8M full spectrum RGB color with dynamic lighting effects to bring your gaming system to life.



# High Lumen Addressable LEDs

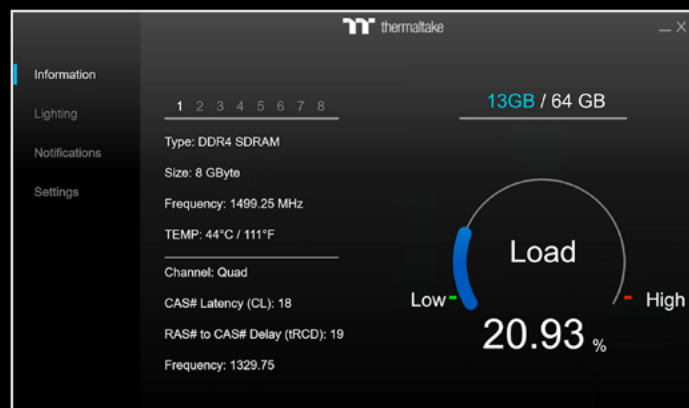


# Maximize Your RGB Lighting System

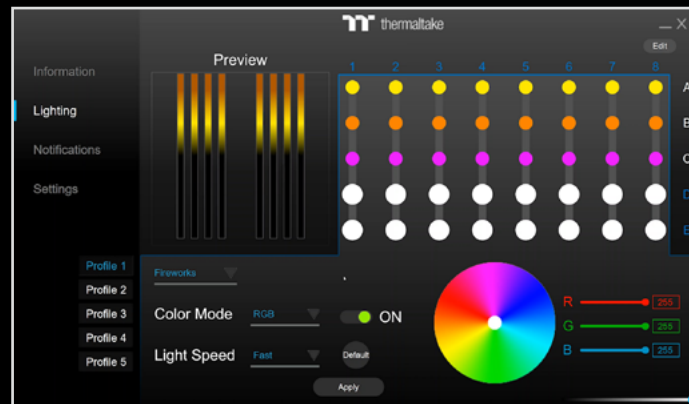
With over 25 lighting modes, build up stunning lighting effects by using the TOUGHRAM RGB software and with sync TT RGB PLUS to maximize your own RGB colors.



Intuitive User Interface



Unique Color Modes



Lighting Effect-Raindrop



Memory Usage Light Alarm







# TT RGB PLUS Ecosystem

Light up your system with almost limitless possibilities and synchronize your TT RGB PLUS compatible products (CPU/VGA water blocks, AIO CPU coolers, PSUs, LED strips, gaming keyboards, headsets, mice and mouse pads) to create a RGB ecosystem that is truly unique to you.

**Note:** Make sure to own multiple compatible products to experience the sync function of TT RGB Plus.

TT RGB PLUS software allows you to sync with TT AI Voice control, Razer Chroma and Amazon Alexa which extends the flexibility of your personalization possibilities.

TT RGB PLUS software enable to sync up TT AI Voice control, Razer Chroma and Amazon Alexa which extends the flexibility of different software.

## TT AI Voice Control

Take control of your TT RGB PLUS products with your voice "SyncALL, Say"Hello TT"



Download on the App Store



Android app on Google play



amazon alexa

## Works with Amazon Alexa

All Thermaltake TT RGB PLUS products support Amazon Alexa Voice Service, allowing you to give voice commands to Alexa-enabled devices.



## Sync with Razer Chroma Lighting

All Thermaltake TT RGB PLUS products are able to connect into the Razer Chroma ecosystem, Razer Synapse 3. Users can experience synchronized gaming and RGB lighting effects on their TT RGB PLUS liquid cooling system and Razer gaming gear!



# Specifications

<b>Memory Type</b>	DDR4
<b>Compatibility</b>	Intel X299 , Z390, AMD X570
<b>Module Type</b>	DIMM
<b>Package Memory Pin</b>	288
<b>Performance Profile</b>	XMP 2.0 Ready
<b>Warranty</b>	Limited Lifetime Warranty

Model Name	TOUGHRAM RGB DDR4 3000-Black	TOUGHRAM RGB DDR4 3200-Black	TOUGHRAM RGB DDR4 3600-Black
<b>Part Number</b>	R009D408GX2-3000C16B	R009D408GX2-3200C16A	R009D408GX2-3600C18B
<b>Speed</b>	3000 MHz	3200 MHz	3600 MHz
<b>Capacity</b>	16GB Kit (2x8GB)	16GB Kit (2x8GB)	16GB Kit (2x8GB)
<b>Tested Latency</b>	16	16	18
<b>Voltage</b>	1.35 V	1.35 V	1.35 V

Model Name	TOUGHRAM RGB DDR4 4000-Black	TOUGHRAM RGB DDR4 4266-Black	TOUGHRAM RGB DDR4 4400-Black
<b>Part Number</b>	R009D408GX2-4000C19A	R009D408GX2-4266C19A	R009D408GX2-4400C19A
<b>Speed</b>	4000 MHz	4266 MHz	4400 MHz
<b>Capacity</b>	16GB Kit (2x8GB)	16GB Kit (2x8GB)	16GB Kit (2x8GB)
<b>Tested Latency</b>	19	19	19
<b>Voltage</b>	1.35 V	1.4 V	1.45 V



## Motherboard RGB Sync Ready

Designed to synchronize with ASUS Aura Sync, GIGABYTE RGB Fusion, MSI Mystic Light Sync and ASRock Polychrome. Supports motherboards equipped with 5V addressable RGB headers, allowing you to control lighting effects directly from the above-mentioned software without installing any extra lighting software or controllers.



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