



# COMINO OTTO

## TRANSFORMABLE GAMING STATION

MODERN, EFFICIENT AND ULTRA COMPACT SYSTEM  
FOR GAMING, GRAPHIC AND OTHER APPLICATIONS

### KEY ADVANTAGES

#### SMALL FORM FACTOR

High-end liquid-cooled system with full-sized components — in just 13 liters.

#### COOLING MATTERS

The device stays cool, operates better and longer even at room temperature of 95°F. This is guaranteed for any kind of intense workload, such as gaming, rendering and others.

#### ULTIMATE PERFORMANCE

OTTO raises the bar for gaming performance, and its top-of-the-line hardware from the world's top manufacturers, as well as Comino's own R&D lab.

#### EXCEPTIONALLY SILENT

<32 db noise. Efficient liquid cooling provides unmatched performance and longevity of the system without breaking the silence.

#### UPGRADEABLE & TRANSFORMABLE

OTTO stays relevant with easy and cost-efficient HW upgrades and cooling technologies.



The world's first transformable SFF gaming station with high-performance server-grade liquid cooling and top-end components, designed to stand out and produced with industrial methods.

Comino OTTO is a godsend for the most demanding gamers who value sleek design and killer performance.

OTTO knows no compromise and no system can compare to OTTO in overall user experience.

**4K  
GAMING**

More than 90 FPS  
on ULTRA Settings

**<30  
DB NOISE**

Exceptionally  
Silent Gaming System

**13L  
FORM**

Without Sacrificing the  
Performance



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**World's Smallest PC Platform With Direct Liquid Cooling**

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## **HIGH PERFORMANCE MINUS NOISE POLLUTION**

Latest chipsets, CPUs with PCIe gen 4.0 support, flagship GPUs and other hardware from world's top manufacturers. Thanks to server-grade liquid cooling, you can overclock those and get even more performance. Tired of those screaming fans? The noise level of Comino OTTO is 40 dB in the office and below 32dB in the room, like a whisper.



## **TRANSFORMABLE SMALL FORM FACTOR OPENS UP EASY UPGRADES**

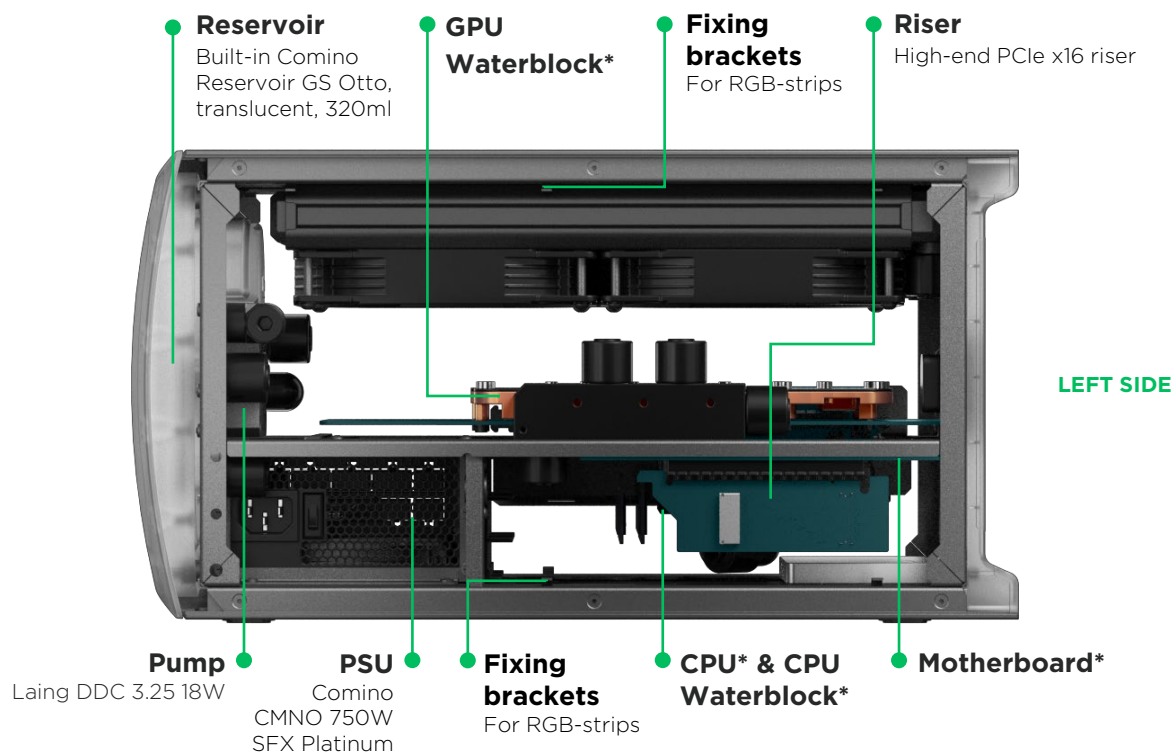
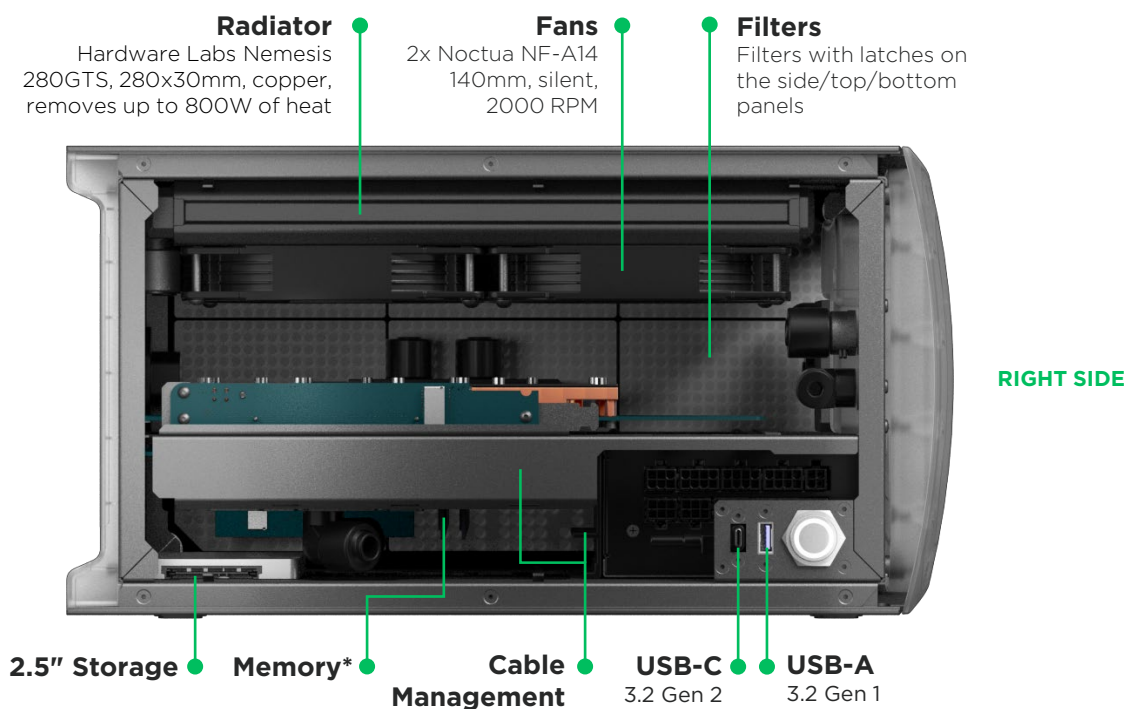
Transformable small-form-factor (TSFF) platform allows building water-, air- or hybrid-cooled setup for any sort of tasks — gaming, rendering, VR, machine learning and other heavy computational purposes — in just 13 liters. OTTO stays relevant with easy and cost-efficient HW upgrades. Whenever you want to increase HDD/SSD capacity, add memory, change GPU or upgrade CPU, OTTO will serve you further for generations.



## **HIGH-DENSED YET UX-DESIGNED BUILD**

We managed to create a chassis with smart airflow, ensuring proper cooling for all key components. We racked our brains over every inch of space to make the system as compact as possible, without sacrificing its performance. Thanks to OTTO's smart UX, wiring does not thwart with the device's position, vertical or horizontal.

## COMPONENTS OVERVIEW



\* Different configurations available.

## CONFIGURATIONS OVERVIEW / READY TO GO

### OTTO MASTER / SUPER

These Intel or AMD-based configurations are for those who just want a PC with the world's best components from the best manufacturers. Paired with professional server-grade cooling from Comino these systems are ready to deliver exceptional results in heavy computational tasks, 4K gaming experience on ultra-high settings or in your next architectural design project.



#### OTTO MASTER

- Intel® Z490
- i9-10850K
- RTX 3090, RTX 3080 or RTX2080Ti
- 32GB DDR4 RAM
- MoBo/CPU & GPU water cooling
- more components in specification on p.11



#### OTTO SUPER

- AMD B550
- Ryzen 9 3900XT
- RTX 3090 or RTX 3080
- 32GB DDR4 RAM
- MoBo/CPU & GPU water cooling
- more components in specification on p.13



## CONFIGURATIONS OVERVIEW / READY TO GO

### OTTO WS

OTTO WS is geared to exceed your most ambitious inventive forecasts. Challenge the outstanding performance, mesmerizing 4K visuals, rapid storage and memory, and the uttermost high-tech improvements — all to dramatically boost productivity and create amazing content faster than ever before.

OTTO WS is a set of top Intel-based configurations with Intel® X299 chipset with a freshly-released Intel® Core™ X-series processor i9-10940X, 14 Cores / 28 Threads with Max Turbo Frequency 4.60 GHz (up to i9-10980XE). Available with NVIDIA QUADRO RTX 6000, NVIDIA QUADRO RTX 5000, GeForce RTX 2080Ti GPUs, 64 or 128GB of PC-2666 DDR4 memory and high-performance M.2 SSD with 1TB storage capacity and a 2TB Hybrid HDD for additional data.



### OTTO WS

- Intel® X299
- i9-10940X (up to i9-10980XE)
- RTX 6000 or RTX 5000 or RTX2080Ti
- 64 or 128 GB DDR4 RAM
- MoBo/CPU & GPU water cooling
- 2.5" HDD 2TB
- SSD M.2 NVMe 1TB
- SFX 750W Platinum PSU
- optional black non-transparent reservoir

(!) Full product sheet and specification available on demand.

## CONFIGURATIONS OVERVIEW / BUILD YOUR OWN

OTTO is a transformable platform for any kind of a build, which means you can choose it to build a vast number of configurations with both air cooling and liquid cooling, including AIO systems from standard off-the-shelf parts by yourself.



### OTTO BUILDER'S EDITION

A version with server-grade cooling to assemble Master/Super configurations by your own hardware. Preferable for distributors and assembly-shops.

- Case with pump
- Radiator & Fans
- Power supply unit
- MoBo/CPU & GPU water cooling
- Fittings and tubings
- Riser card and cables



### OTTO DIY

An enthusiast's version with just the minimum for liquid-cooled builds.

- Case
- Reservoir
- Radiator
- Pump
- Riser card and cables



### OTTO CASE

Only Case for your air-cooled or AIO-based builds.

- Chassis
- Riser card and cables
- RGB strips

(!) OTTO Builder's Edition, OTTO DIY, OTTO Case product sheets and specifications available on demand.

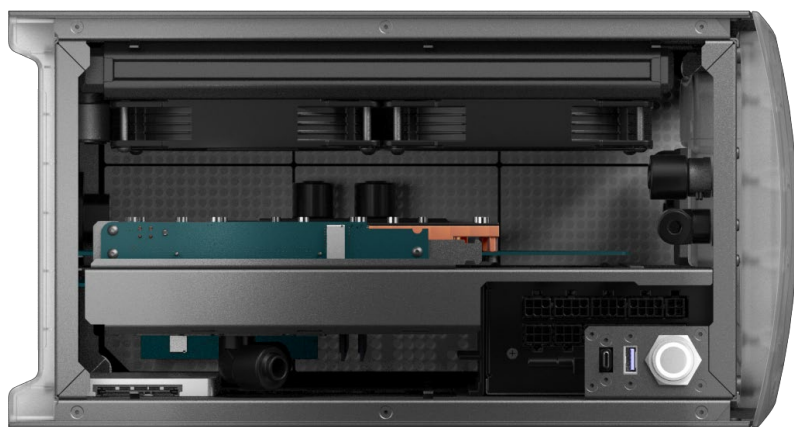
## TRANSFORMATIONS EXAMPLES

### STANDARD TRANSFORMATION

is designed for building liquid-cooled and hybrid systems. It's possible to install a GPU on air cooling. This is the configuration we use at Comino for assembling our systems. It works best for liquid cooling.

### LIQUID-COOLED

CPU WATERBLOCK / GPU WATERBLOCK



#### CPU cooler

up to 56mm height.  
Any water block with 90° fittings or AIO (Corsair, NZXT, Cooler Master, etc.)

#### GPU cooler

any water block or up to 2.5 slot air-cooled GPU while using 30mm liquid-cooling radiator with 25mm thick radiator fans.

### HYBRID

AIO CPU / 2.0 SLOT GPU





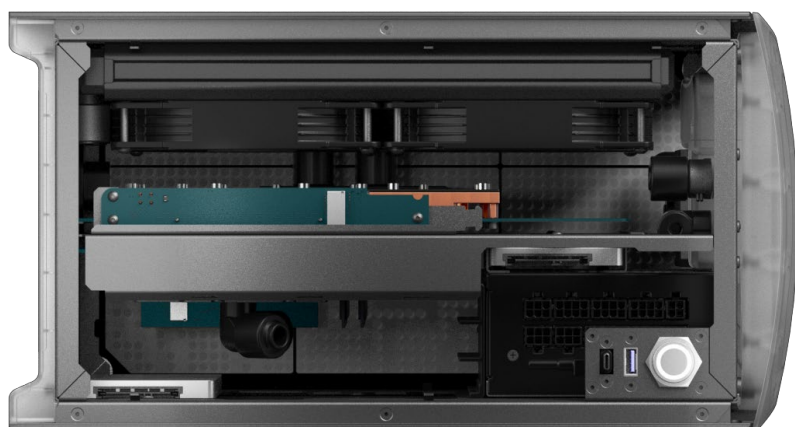
## TRANSFORMATIONS EXAMPLES

### +18MM TRANSFORMATION

is designed for liquid-, air-cooled and hybrid systems. It's possible to install 2x120mm or 2x140mm AIO on the CPU.

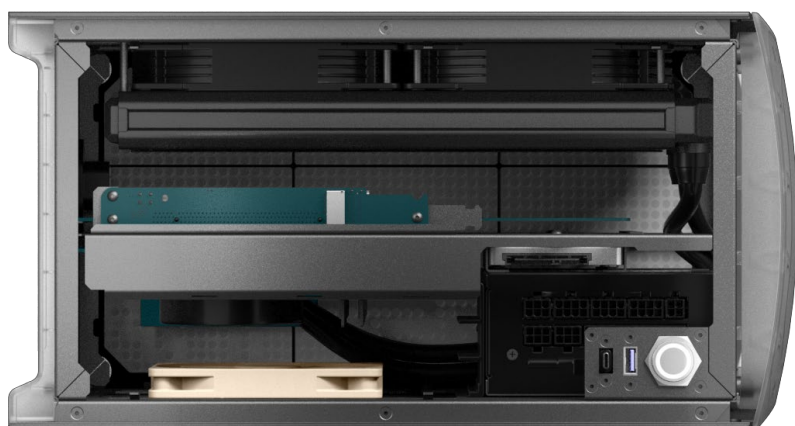
#### LIQUID-COOLED

CPU WATERBLOCK / GPU WATERBLOCK  
/ 2x 2.5" SSD/HDD



#### HYBRID

AIO CPU / 2.0 SLOT GPU / SLIM FAN



#### CPU cooler

up to 74mm height.  
Any water block with 90° fittings or AIO (Corsair, NZXT, Cooler Master, etc).  
You can also fit an additional 120mm slim fan to cool down the motherboard if you go for liquid cooling. For air cooling, you can fit small SFF air coolers or use Noctua NH-L12S if your motherboard is low profile and does not have high additional radiators installed.

#### GPU cooler

any water block or up to 2 slot air-cooled GPU while using 30mm liquid cooling radiator +25mm thick radiator fans. Any GPU if a liquid-cooled radiator is not used.

#### Extra 2.5" SSD/HDD basket

there is an extra basket for one extra SSD/HDD (up to 14.3mm height).

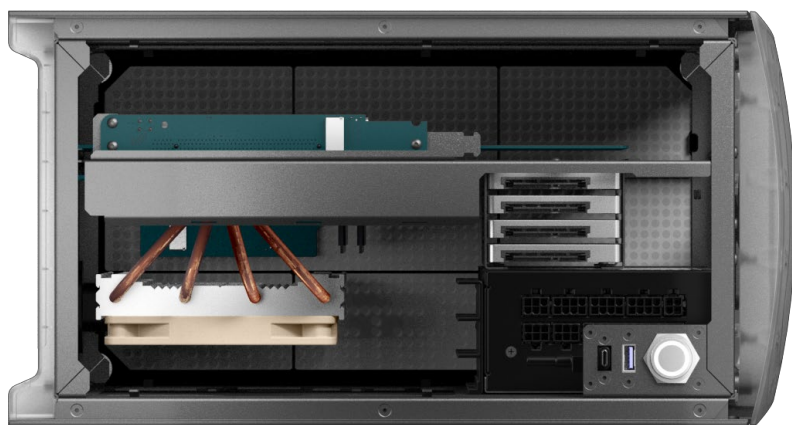
## TRANSFORMATIONS EXAMPLES

### +54MM TRANSFORMATION

is designed for air or hybrid systems. It's possible to install 1x120mm radiator with an AIO.

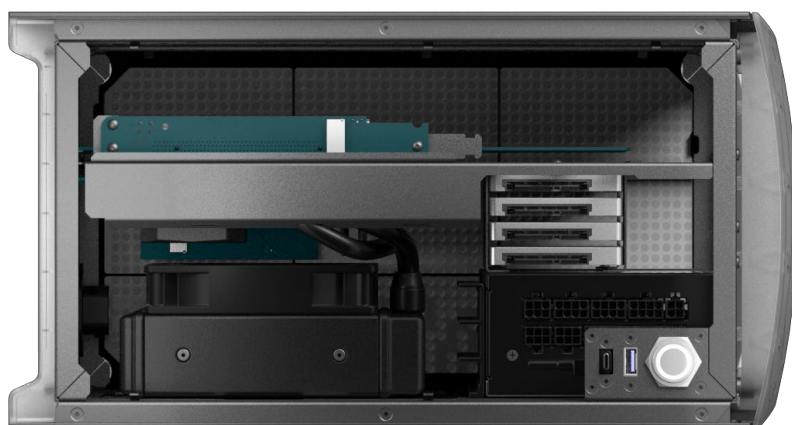
#### AIR-COOLED

ANY SFF AIR COOLER / 2.5 SLOT GPU  
/ 4x 2.5" SSD/HDD



#### HYBRID

AIO CPU 120 / 2.5 SLOT GPU / 4x 2.5" SSD/HDD



#### CPU cooler

up to 110mm height.  
That is any SFF air cooler  
(we recommend Noctua  
NH-L12S) or compact AIO  
like Corsair H60.

#### GPU cooler

any air-cooled GPU  
up to 2.5 slot.

#### Extra 2.5" SSD/HDD basket

there is an extra basket  
for four extra 2.5"  
SSDs/HDDs.

## TECHNICAL SPECIFICATIONS

### OTTO MASTER i9



<b>DIMENSIONS</b>	405mm x 211mm x 190mm (15.9in x 8.3in x 7.5in)
<b>WEIGHT</b>	12 kg
<b>VOLUME</b>	13.8 L (3.6 Gal)
<b>CHASSIS</b>	Otto semi-transparent small form factor, 2mm-thick aluminum panels on neodymium magnets
<b>GPU</b>	GIGABYTE GeForce RTX 3090 24GD or GeForce RTX 3080 or PCI-E ASUS ROG STRIX RTX 2080Ti 11Gb
<b>MOTHERBOARD CHIPSET</b>	Intel® Z490
<b>CPU</b>	Intel Core™ i9-10850K 10 Cores / 20 Threads with Max Turbo Frequency 5.20 GHz
<b>MEMORY</b>	32GB PC-3200
<b>STORAGE</b>	2.5" HDD 2TB
<b>SSD</b>	SSD M.2 NVMe 1TB
<b>PSU</b>	Comino CMNO 750W SFX Platinum
<b>MOTHERBOARD/CPU COOLING</b>	Full-cover Comino WCB ASUS Z490 STRIX ITX, copper, removes up to 300W of heat

## TECHNICAL SPECIFICATIONS

### OTTO MASTER i9



<b>GPU COOLING</b>	Full-cover Comino WCB 3080/3090 or WCB ASUS 2080Ti STRIX, copper, removes up to 420W of heat
<b>RADIATOR</b>	Hardware Labs Nemesis 280GTS, 280x30mm, copper, removes up to 800W of heat
<b>FANS</b>	2x NOCTUA NF-A14 iPPC-2000 PWM, silent, 2000 RPM
<b>RESERVOIR</b>	Built-in Comino Reservoir GS Otto, translucent, 320ml
<b>PUMP</b>	Laing DDC 3.25 18W, built into the reservoir
<b>RISER</b>	Comino high-end PCIe x16 riser with Molex gold-plated sockets and ultra-thin and flexible twinax cable
<b>MECHANICAL POWER BUTTON</b>	Anti-vandal Comino Otto Button, stainless steel, white LED ring
<b>RGB LED LIGHTING</b>	ASUS Aura or GIGABYTE RGB FUSION 2.0 compatible RGB strips
<b>COOLING LIQUID</b>	Included
<b>FITTINGS AND TUBINGS</b>	Included
<b>ADD-ONS</b>	Stand

## TECHNICAL SPECIFICATIONS

### OTTO **SUPER R9**



<b>DIMENSIONS</b>	405mm x 211mm x 190mm (15.9in x 8.3in x 7.5in)
<b>WEIGHT</b>	12 kg
<b>VOLUME</b>	13.8 L (3.6 Gal)
<b>CHASSIS</b>	Otto semi-transparent small form factor, 2mm-thick aluminum panels on neodymium magnets
<b>GPU</b>	GIGABYTE GeForce RTX 3090 24GD or GeForce RTX 3080
<b>MOTHERBOARD CHIPSET</b>	AMD B550
<b>CPU</b>	AMD Ryzen™9 3900XT 12 Cores / 24 Threads with Max Turbo Frequency 4.70 GHz
<b>MEMORY</b>	32GB PC-3200
<b>STORAGE</b>	2.5" HDD 2TB
<b>SSD</b>	SSD M.2 NVMe 1TB
<b>PSU</b>	Comino CMNO 750W SFX Platinum
<b>MOTHERBOARD/CPU COOLING</b>	Full-cover Comino WCB ASUS B550 STRIX ITX, copper, removes up to 300W of heat



## TECHNICAL SPECIFICATIONS

### OTTO SUPER R9



<b>GPU COOLING</b>	Full-cover Comino WCB 3080/3090, copper, removes up to 420W of heat
<b>RADIATOR</b>	Hardware Labs Nemesis 280GTS, 280x30mm, copper, removes up to 800W of heat
<b>FANS</b>	2x NOCTUA NF-A14 iPPC-2000 PWM, silent, 2000 RPM
<b>RESERVOIR</b>	Built-in Comino Reservoir GS Otto, translucent, 320ml
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<b>COOLING LIQUID</b>	Included
<b>FITTINGS AND TUBINGS</b>	Included
<b>ADD-ONS</b>	Stand



**COMPUTEX**  
TAIPEI



COMINO OTTO PRESENTED AT  
COMPUTEX IN TAIPEI 2019

## REVIEWS

*"I very seldom see such great stuff as today. It is such a powerful system in such a very small form factor — it's unbelievable!"*



*"It is super impressive how much space is still available, airflow is not hampered in any way. And yet it still retains an impressive, aesthetic, super attractive."*



*"Really smart concept of a new PC tower when it comes to cooling down temperature. Highly recommend! Just have a look at it and give it a try!"*



*"The Comino Otto Master SFF PC is a massive feat of engineering when you consider it is a commercially available PC you can buy at a relatively affordable price. It does not only offers a unique design, but is also exceptionally well built into a system that manages to deliver this level of quality or performance in such a tiny form factor."*



*"I like it, I declare it to be good. From a cooling standpoint I would say this is the most impressive small form factor machine I've seen yet. This thing is freaking awesome!"*



**Linus Sebastian,**  
**LinusTechTips**





## GET SOCIAL



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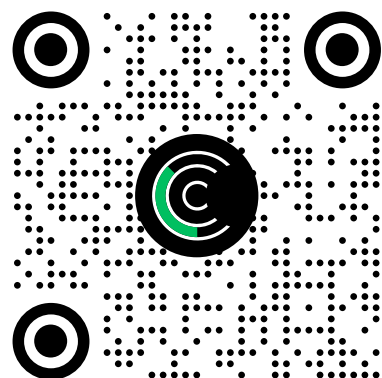


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