SMART DECOR
x
COOHOM

How to Achieve
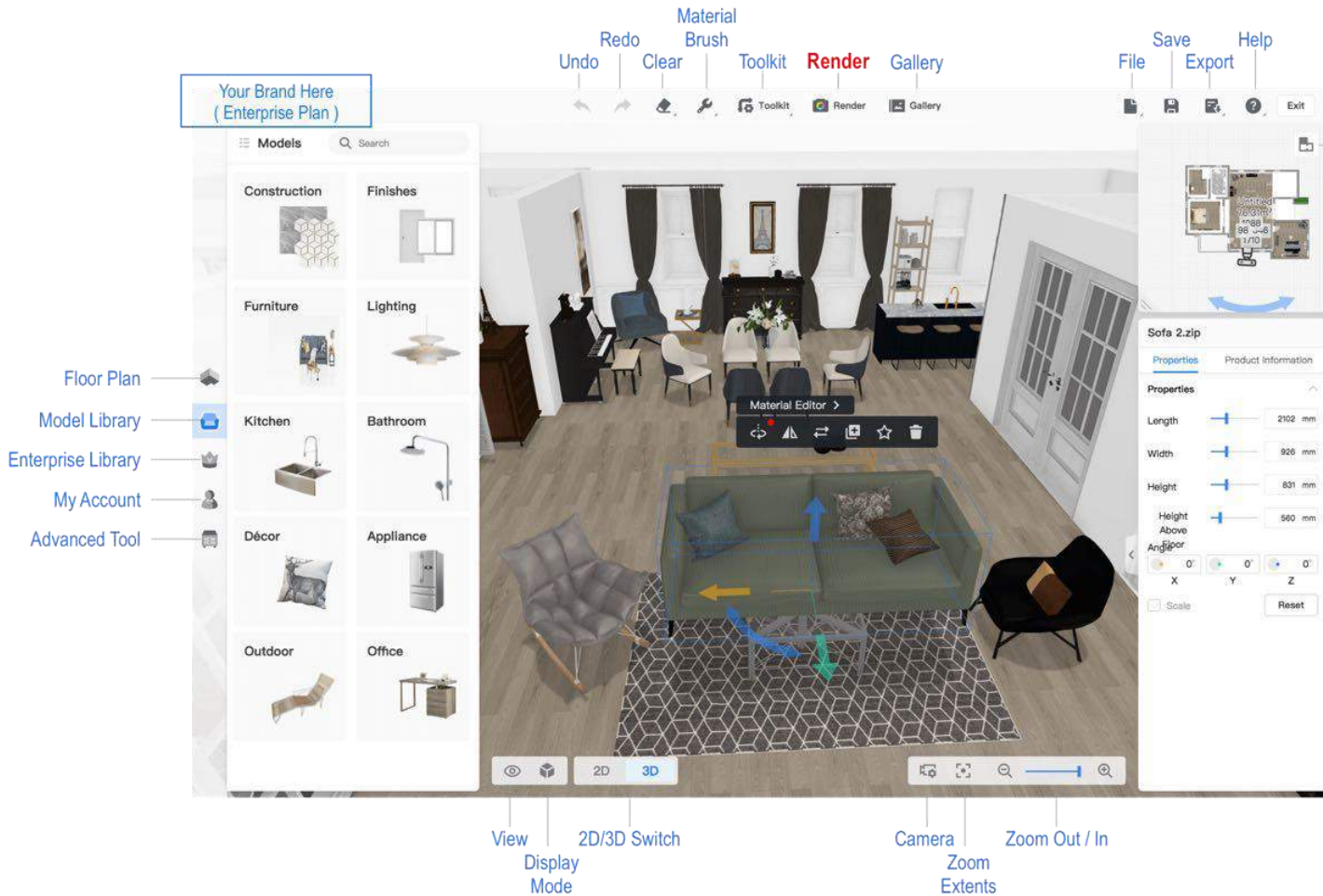# Photorealistic
Interior Rendering

These are **not** photos.

These are **renderings** made by designers
who use our online interior design program.

Smart Decor x Coohom

A design hub at first glance

Choosing the right tools, colors and furniture to design your project can be overwhelming. Now, Coohom has made the process even easier.

3 steps for a great interior design project

Generate life-like images

Render professional images
in just a few clicks.

Sketch your 2D floor plan

Draw an enclosed space, or
import an image or CAD file.
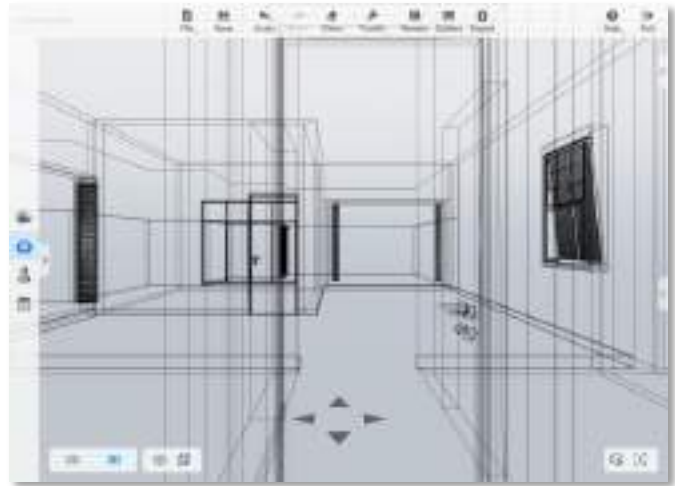
Drag & drop 3D models

Choose from 300,000+ 3D
models and textures to use
in your design.

CAD: Architectural drawing & 2D/3D floor plan

Enjoy the designing moment, maximize your talent!

Floor Tiles | Floorings | Wall-to-Wall Carpets
Paints & Coatings | Wallpapers | Wall Fabrics
Wall Tiles | Wood Veneers | Carpets

Construction | Finishes
Furniture | Lighting
Kitchen | Bathroom
Décor | Appliances
Outdoor | Home Office

Sofas
All Sofas Sectional Sofas
All Material

Use Material Editor for upholstery options

Easily adjust your rendering settings

"Rendering used to be one of my least favorite aspects of being a designer (I know, I know). It has quickly become one of the parts I most enjoy."
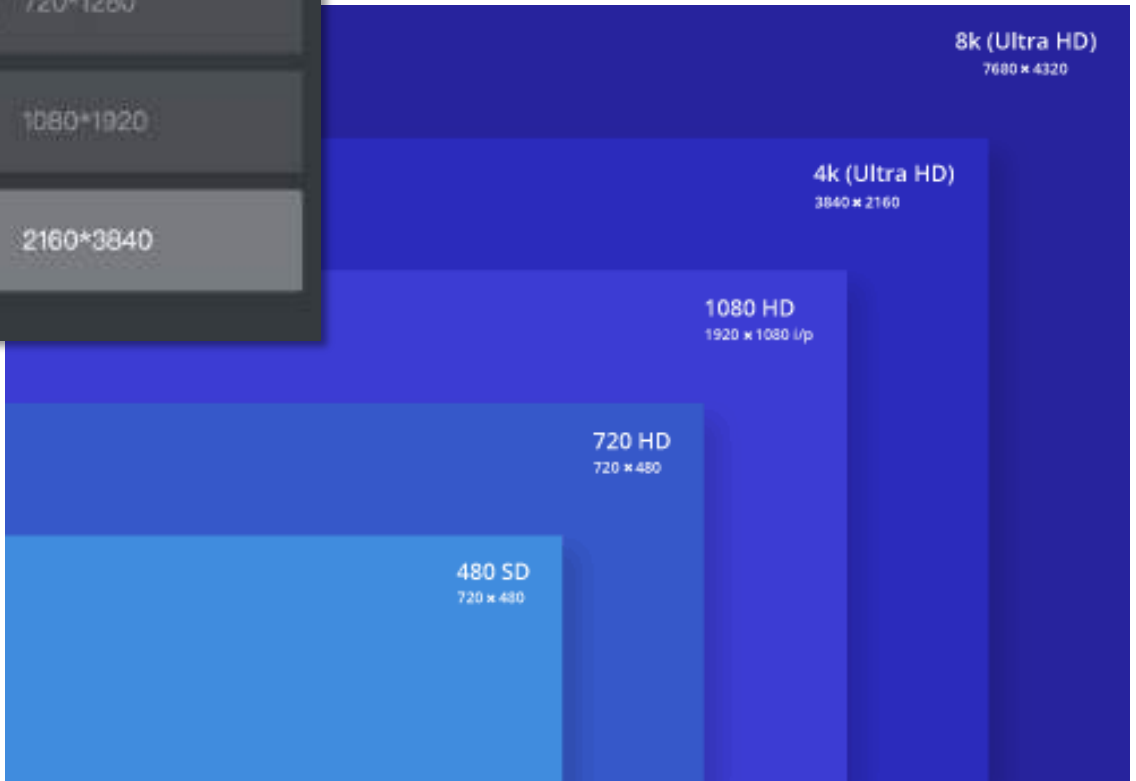— One of our clients says.

Ultra-high resolution is the future

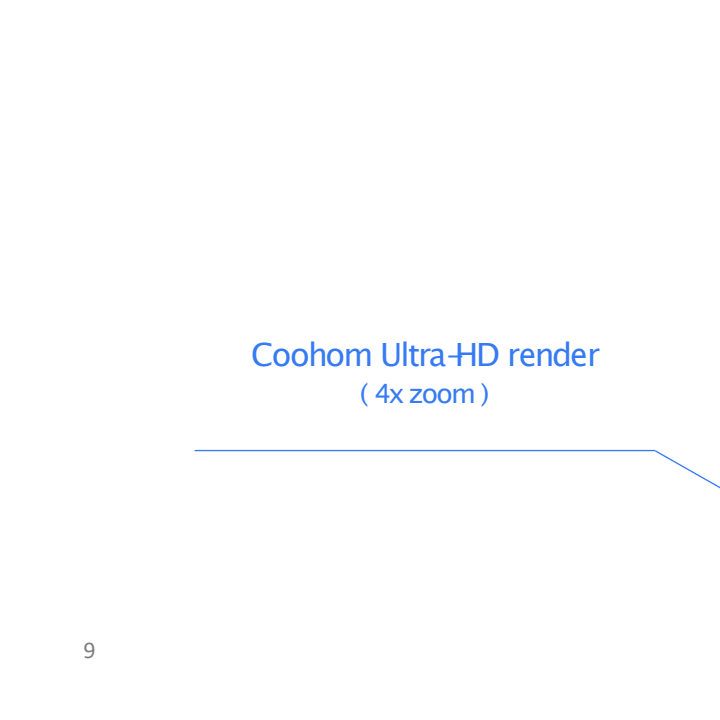Imaging presenting your design work on a big screen TV, or on a projector, what do you like your client to see?

Neither "jaggies" on the edges, nor a blurred vision!
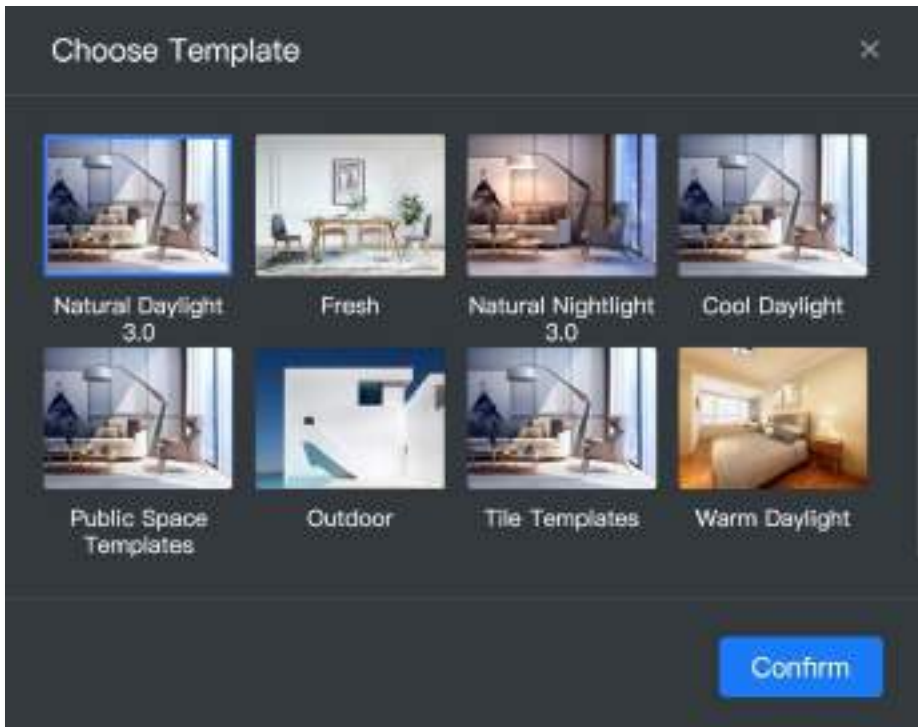
4K resolution is what you are looking for.

Aspect Ratios

16:9 9:16 4:3 3:4 1:1

Resolutions

Standard	720*1280
HD	1080*1920
4K	2160*3840

8k (Ultra HD)
7680 × 4320

4k (Ultra HD)
3840 × 2160

1080 HD
1920 × 1080 i/p

720 HD
720 × 480

480 SD
720 × 480

industry benchmark for HD render
（2x zoom）

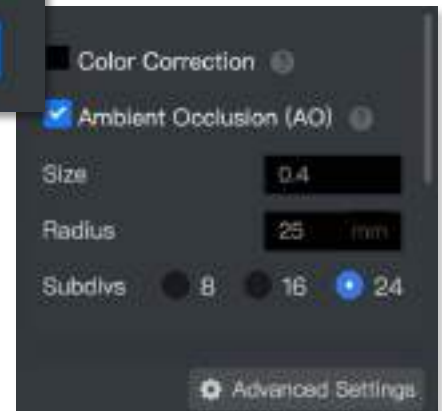Coohom Ultra-HD render
（4x zoom）

Smart lighting templates

Choose from our well-designed light templates, or customize your own.

Automated ambient lighting system can save you from mundane tasks.

Stand out with realistic window views

Render

Daytime | Night

Skyscraper | Downtown

Lawn | Town

Wilderness | Seascape

Coast1 | More

An amazing, perspective window view with just a few clicks. How easy is that?

You can always replace it with your own scene, although most of our designer users are quite happy with the results.

Let the sun shine in

Sunlight is vital in interior rendering.

Coohom offers full control of sunlight color, brightness, position and angle.

Simulate morning, noon and night scenes to please your clients.

Coohom rendering sample

Sunlight panel

Status: On

SunlightColor

Blazing — Warm — Noon

Temp. 6500 k

Brightness 40 %

Sunlight projects to every room.

Custom sunlight position

Position

Angle
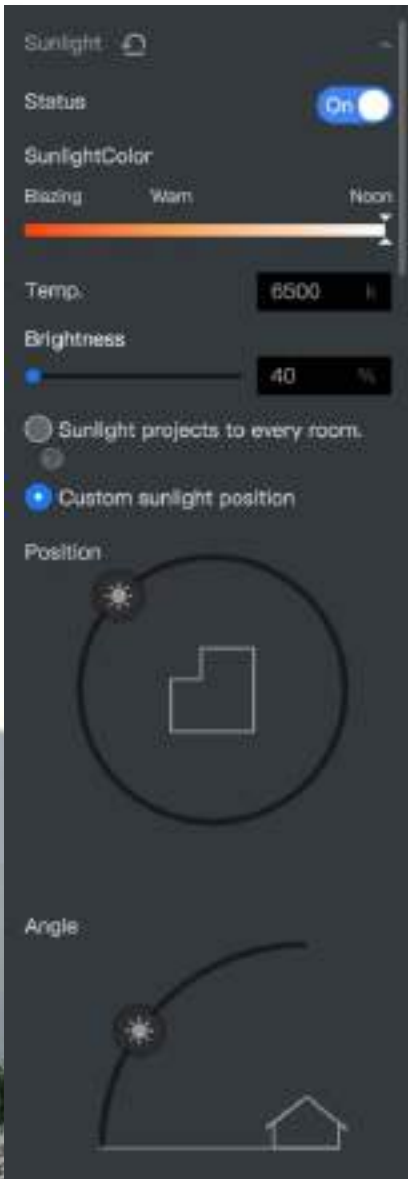
Interior lighting, all up to you

We have a library of IES lights for you to choose from.

Whether it is a spotlight, or a downlight, you can make your design looks exactly like that space in reality.

Rendering technologies Coohom uses

PBR
(Physically Based Rendering)

Coohom uses PBR material rendering technology, it accurately models the flow of light to hit a surface in the real world.
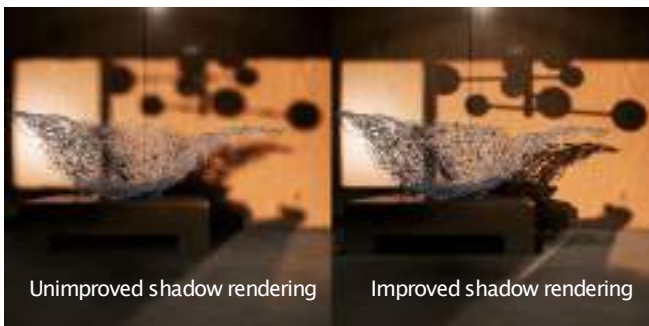

Classic rendering   PBR rendering

Ray Tracing

Coohom uses ray tracing offline rendering for light baking, it brings virtual objects a life-like image.

Without RT   With RT

Realistic Shadow

Coohom outperforms our rivals with detailed, realistic shadow rendering.

Unimproved shadow rendering   Improved shadow rendering

IBL
(Image-Based Lighting)

Coohom utilizes IBL which points to an unprecedented level of realism to all types of objects.

All the magic happens in 5 minutes
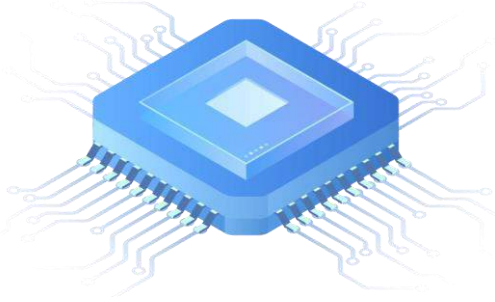
Save money on upgrading computers. There're no hardware requirements, no downloading at all to use Coohom.

Design your project in the browser for PC/Mac, and let our powerful ExaCloud engine do the rendering job.

There are many software choices for professionals doing interior design and rendering. Most of them are made for multiple purposes, thus systematically increase complexity and time.

Using Coohom can save yourself from extra work. Everything acts faster on Coohom.

10-30 DAYS

CAD Software
+ Rendering Plug-in

1-3 DAYS

Coohom All-in-One
Platform

$0.1 per interior rendering cost

Outsourcing 3D rendering is costly.
It's time to do high quality rendering all
by yourself.

Customers are likely to pay $50 or more
for visualization services, and we keep it
for you to create an ultra high quality
rendering for as low as $0.1 dollar.

Cutting-edge panorama presentation

Coohom's real-time rendering technology makes sharing an immersive interior visualization a lot easier.

Whether it's on a big screen TV, or on a VR headset like Google Cardboard, or on an iPhone, this is the most cutting-edge presentation you can find on the market that will definitely wow your clients.

Model development to fit your style

Can't find your favorite brand? No worries, Coohom offers model development service for your project.

See how will the furniture fit the space and match your design style, through stunning photo-realistic visualization.

Export product shopping list

Once you have your furniture products (3D models) uploaded to Coohom and applied in your design, a shopping list can be exported in the tool with one-click.
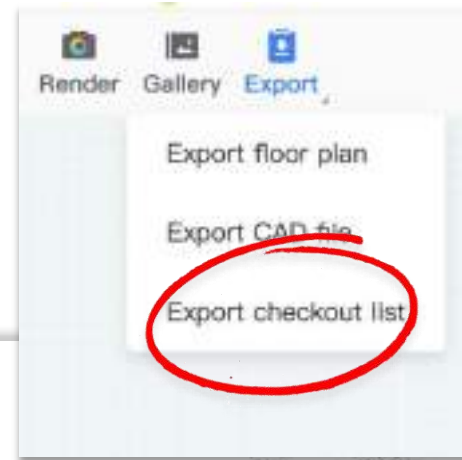
Render Gallery Export

Export floor plan

Export CAD file

Export checkout list

ORDER LIST(FURNITURE)

Room Name	Brand	Product Photo	Product Name	Product No.	SKU	Dimension(mm)	Description	Quantity	Product Link	Unit Price(USD)	Amount(USD)
Living Room	Ashley		Floor lamp					1.0			
	Emerald Home		table lamps					1.0			
	Ethan Allen		Ethan Allen Anderson Shelter Arm Sofa					1.0			
	Hooker		Melange Piper Credenza					1.0			
	KOLF KOLF							1.0			
						Sub Total					
bedroom	Ethan Allen		Ethan Allen Golden Bed					1.0			
						Sub Total					
						Total					

Follow us for design ideas & tips

Facebook | Instagram | LinkedIn
YouTube | Pinterest | TikTok

SMART DECOR

x

COOHOM