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› TCL 85C7K Television User Manual

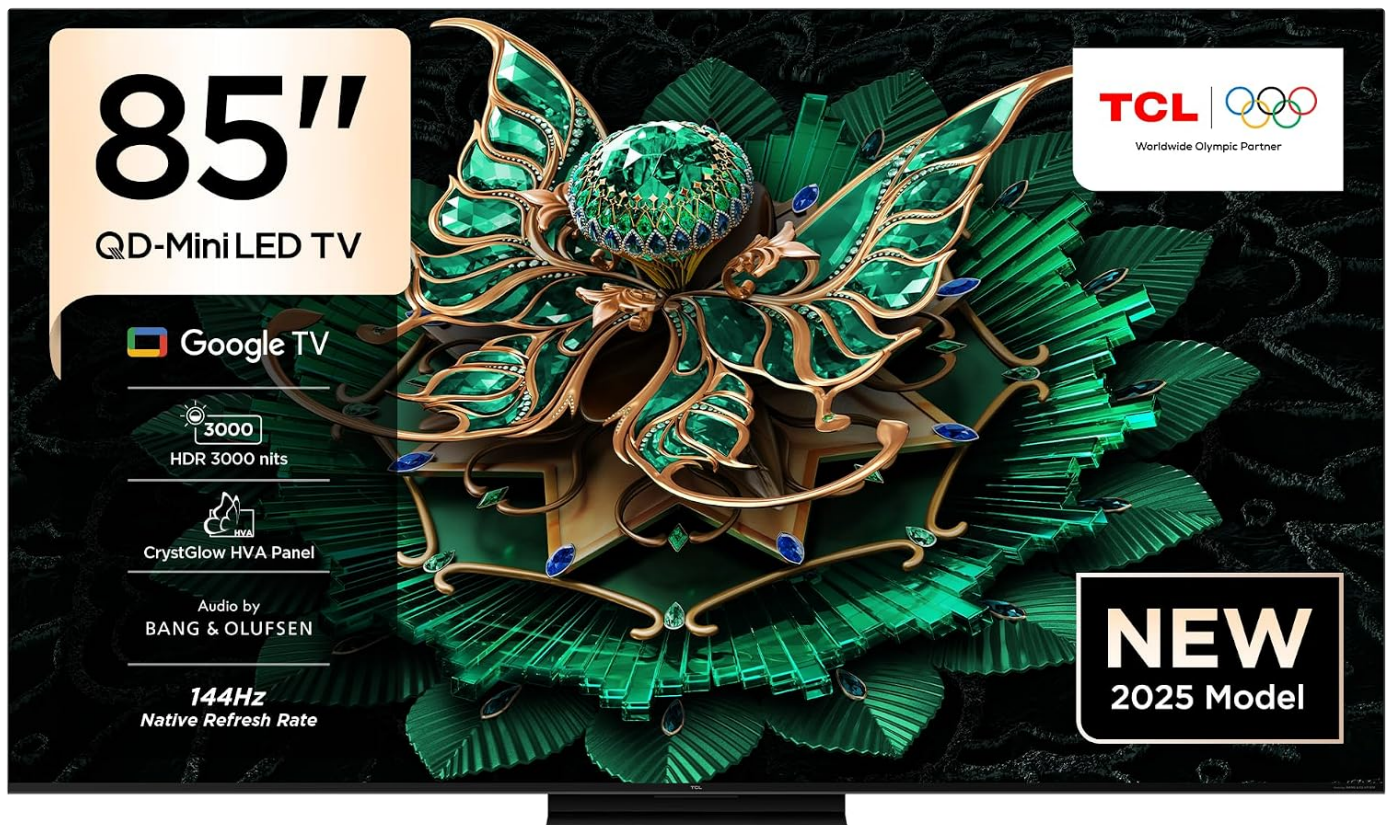
TCL 85C7K

TCL 85C7K Television User Manual

85 Inch Smart TV 4K QD-Mini LED

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your TCL 85C7K Television. Please read this manual thoroughly before using the product and retain it for future reference. The TCL 85C7K is a premium 85-inch QD-Mini LED 4K Smart TV, featuring advanced display technologies, immersive audio by Bang & Olufsen, and a 144Hz native refresh rate for an exceptional viewing and gaming experience.



Front view of the TCL 85C7K Television, highlighting its 85-inch QD-Mini LED display, Google TV interface, HDR 3000 nits brightness, CrystGlow HVA Panel, Audio by Bang & Olufsen, and 144Hz Native Refresh Rate. This is the 2025 model.

WHAT'S INCLUDED

Verify that all components are present in the packaging:

- TCL 85C7K Television Unit
- Power Adapter
- Power Cable
- Remote Control
- TV Stand (2 pieces)
- User Manual (this document)

SETUP

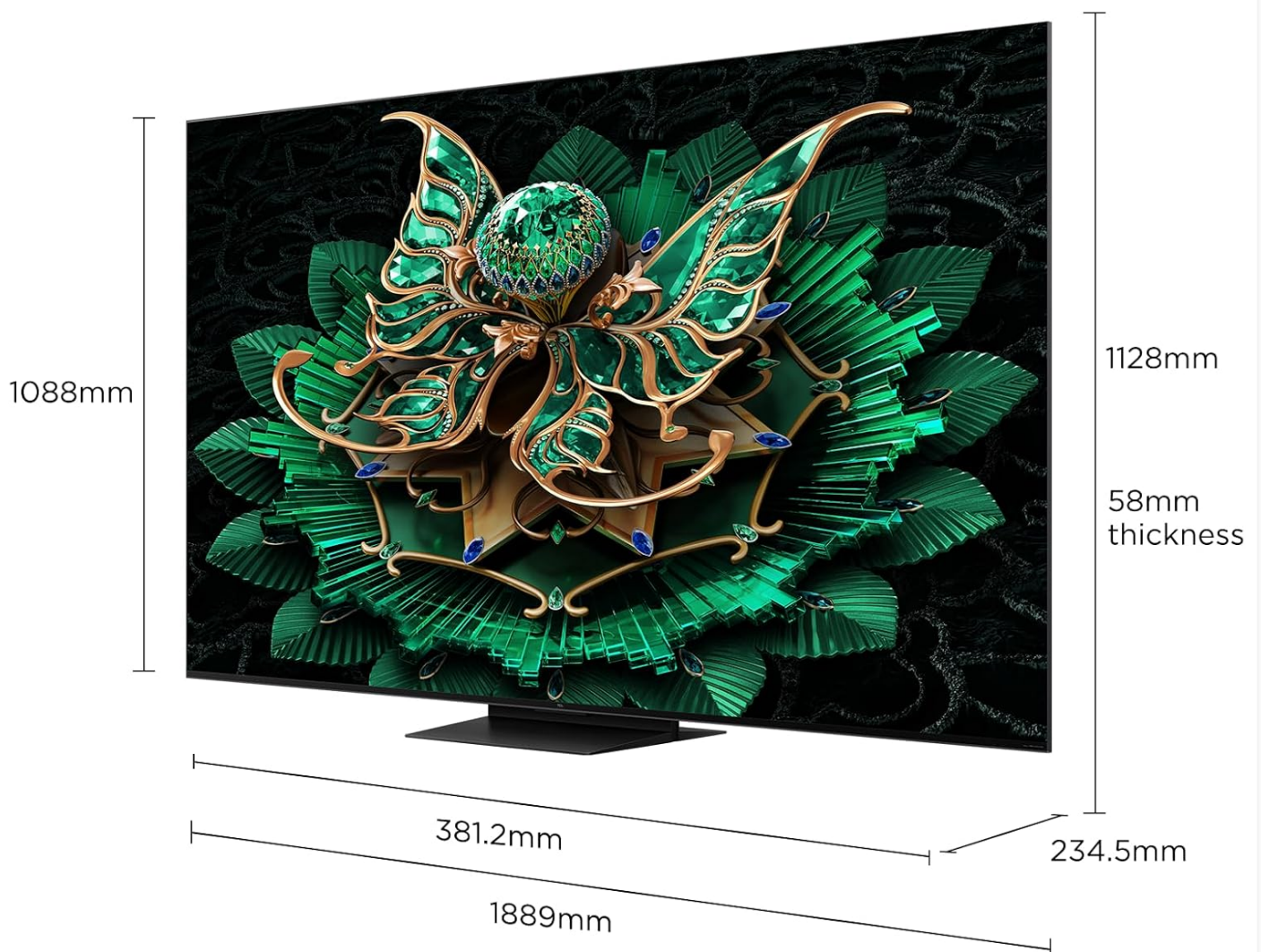
1. Unpacking

Carefully remove the television from its packaging. It is recommended that two or more people handle the 85-inch unit due to its size and weight. Retain the packaging materials for future transport or service needs.

2. Stand Assembly (Optional)

If you are not wall-mounting the television, attach the included stand:

1. Place the TV face down on a soft, flat surface to prevent screen damage.
2. Align each stand piece with the corresponding slots on the bottom of the TV.
3. Secure the stands using the provided screws. Ensure they are firmly attached.



Side view of the TCL 85C7K Television with detailed dimensions, illustrating its slim profile and stand attachment points.

3. Connections

Connect your devices to the television using the appropriate ports:

- **HDMI:** For connecting Blu-ray players, game consoles, cable boxes, etc. The TV supports multiple HDMI inputs.
- **USB:** For connecting USB storage devices to play media.
- **Power:** Connect the power cable to the TV's power input and then to a wall outlet.
- **Network (Wi-Fi/Ethernet):** Connect to your home network for Smart TV features.



Rear view of the TCL 85C7K Television, showing the clean design and port layout for various connections.

OPERATING THE TELEVISION

1. Initial Power On and Setup

After connecting the power, press the power button on the remote control. The TV will guide you through the initial setup process, including language selection, network connection, and Google TV account setup.

2. Smart TV Features (Google TV)

Your TCL 85C7K runs on Google TV, providing access to a vast array of streaming services and apps. Navigate the interface using the remote control. Supported internet services include Netflix, Hulu, Amazon Prime Video, YouTube, Google Play Movies & TV, Google Play Music, Google Photos, and many others.

3. Remote Control Functions

The included remote control allows you to power on/off, adjust volume, change channels, access Smart TV features, and navigate menus. Refer to the remote control diagram in the quick start guide for specific button functions.

4. Gaming Experience

The 85C7K is designed for an enhanced gaming experience:

- **144Hz Native Refresh Rate:** Provides ultra-smooth motion for fast-paced games, reducing blur and ghosting.
- **Game Master:** Optimizes settings for gaming, reducing input lag and enhancing visual clarity.
- **AMD FreeSync Premium Pro:** Ensures tear-free and stutter-free gameplay by synchronizing the TV's refresh rate with compatible graphics cards.

الطريقة الذكية للتحكم في أجهزة TCL الخاصة بك Control your TCL devices in a smart way



Screenshot of the 'Game Bar' interface on the TCL TV, allowing users to monitor and adjust game parameters like frame rate and HDR in real-time.

KEY FEATURES

QD-Mini LED Display Technology

The TCL 85C7K utilizes QD-Mini LED technology with up to 2880 precise dimming zones. This combines the benefits of Quantum Dot (QLED) for vibrant colors with Mini LED backlighting for superior contrast and brightness control, delivering over a billion hues of vivid color.



HDR 3000nits



Diagram explaining Mini LED technology, showing Micro-OD, Condensed Micro Lens, and Powerful Light-emitting Chip, alongside HVA Panel Technology, illustrating precise dimming.

HDR 3000nits Brightness

Experience stunning HDR content with a blazing peak brightness of 3000 nits. This allows for incredible detail in both the brightest highlights and darkest shadows, providing a truly dynamic visual experience.

أكثر من مليار لون من الألوان الزاهية المثالية

More than a billion hues of perfect vivid color



A vivid image of a campfire at night, demonstrating the intense brightness and contrast achieved with HDR 3000nits.

144Hz Native Refresh Rate

The 144Hz native refresh rate ensures ultra-smooth motion, making it ideal for fast-action movies, sports, and gaming. Every frame is rendered with clarity and fluidity, minimizing motion blur.

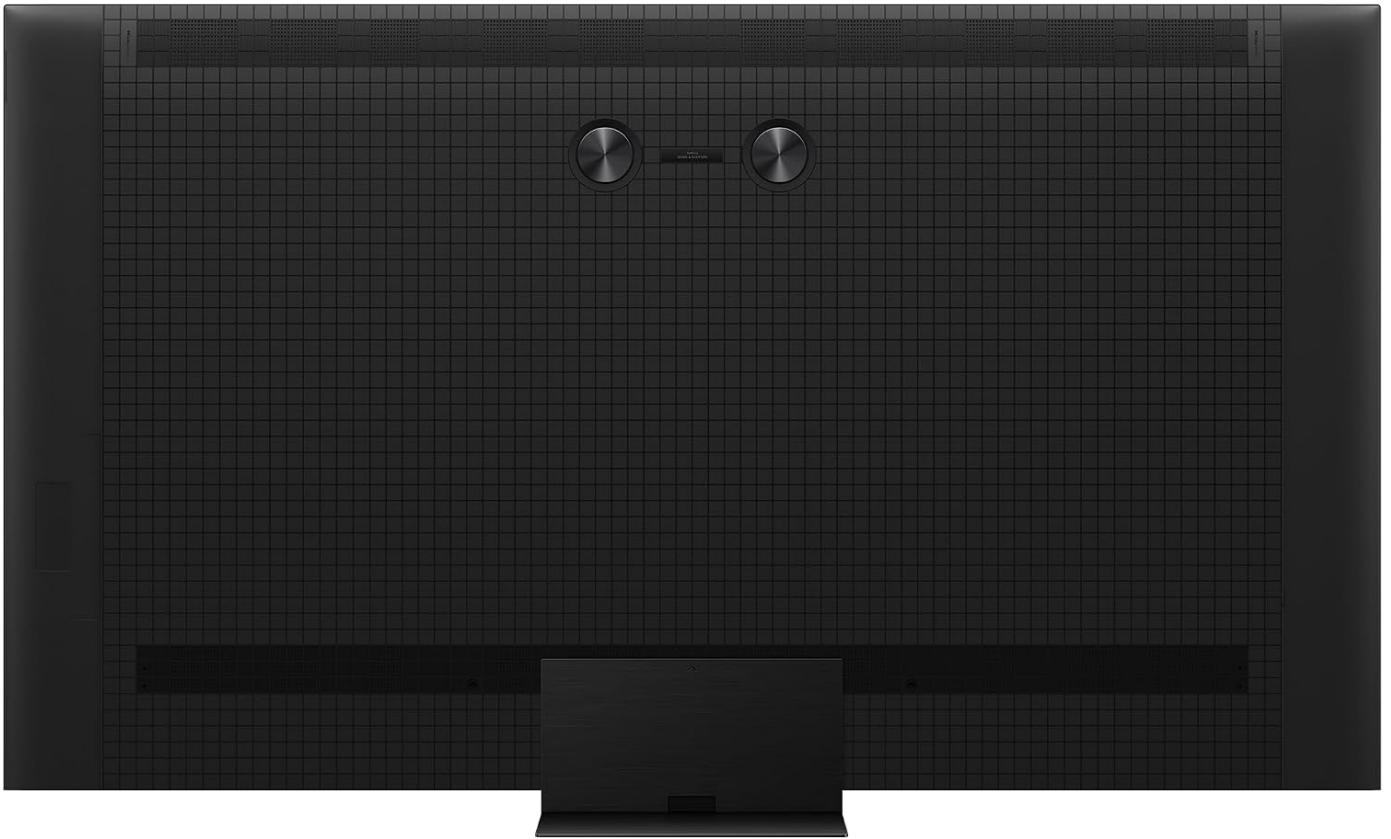
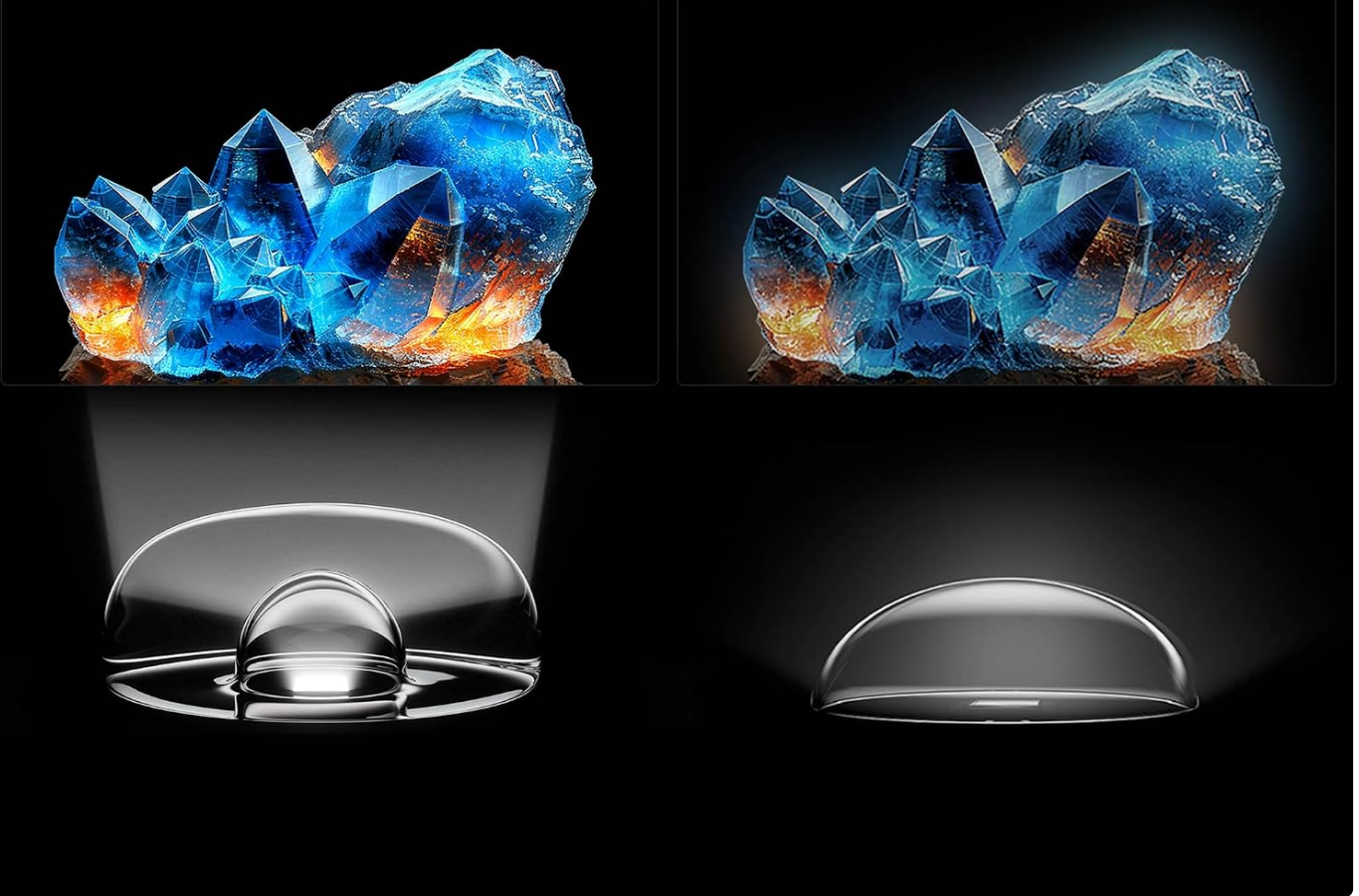


Image illustrating the smooth motion provided by the 144Hz Native Refresh Rate, depicted with a high-speed car.

Audio by **BANG & OLUFSEN** with **Dolby Atmos**

Indulge in premium sound quality with audio engineered by Bang & Olufsen. Coupled with Dolby Atmos, the TV delivers immersive, three-dimensional audio that fills the room, perfectly complementing the stunning visuals.

عدسة صغيرة ، قوة كبيرة Micro lens, big power



An image depicting a living room with the TCL TV, emphasizing the immersive audio experience provided by Bang & Olufsen sound, with sound waves emanating from the TV.

AiPQ Pro Processor

The self-developed AiPQ Pro Processor intelligently optimizes image quality in real-time. It perceives, thinks, and produces, making pixel-level adjustments to enhance color, contrast, and clarity for a top-notch viewing experience.

أكثر سلاسة ووضوحا Smoother and clearer

144Hz

Native Refresh Rate



A detailed graphic of the AiPQ Pro Processor chip, symbolizing its role in intelligent image processing and optimization.

CrystGlow HVA Panel & Ultra Slim Design

The CrystGlow HVA Panel offers 5x contrast enhancement, low reflection, and a wide 178° viewing angle, all while being energy-efficient. The television also boasts an ultra-slim design, allowing for seamless wall-mounting and a sleek aesthetic in any living space.

بصمة الصوت الفاخر

The Mark of Elevated Audio

Audio by
BANG & OLUFSEN®



Image showcasing the ultra-slim design of the TCL TV, suitable for seamless wall mounting.

MAINTENANCE

Cleaning the Screen

To clean the screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, slightly dampen the cloth with water or a specialized screen cleaner. Avoid using harsh chemicals, abrasive materials, or direct spraying onto the screen.

Cleaning the TV Body

Wipe the TV's body and stand with a soft, dry cloth. Do not use solvents or alcohol-based cleaners, as they may damage the finish.

TROUBLESHOOTING

If you encounter issues with your television, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Power	Power cable disconnected; Power outlet not working.	Ensure power cable is securely connected. Test outlet with another device.
No Picture, but Sound is Present	Incorrect input source selected; Loose HDMI/AV cable.	Press the 'Input' button on the remote to select correct source. Check cable connections.
No Sound, but Picture is Present	Volume muted or too low; External audio system not configured correctly.	Unmute volume or increase level. Check audio output settings on TV and external device.
Cannot Connect to Wi-Fi	Incorrect password; Router issues; TV too far from router.	Verify Wi-Fi password. Restart router. Move TV closer or use an extender.
Remote Control Not Working	Dead batteries; Obstruction between remote and TV.	Replace batteries. Remove any obstructions.

SPECIFICATIONS

Feature	Detail
Model Number	85C7K
Screen Size	85 Inches (216 cm)
Display Technology	QD-Mini LED
Resolution	4K (3840 x 2160)
Refresh Rate	144 Hz Native
HDR Support	HDR 3000nits
Audio	Audio by Bang & Olufsen, Dolby Atmos
Operating System	Google TV
Connectivity	Bluetooth, HDMI, USB, Wi-Fi
Special Features	AI Mode, AiPQ Pro Processor, Chromecast, Google Assistant, IMAX Enhanced, Multiple Eye Care, Special Sound Modes, Ultra Slim Design
Product Dimensions (W x H x D)	188.9 x 108.8 x 5.8 cm (without stand)
Weight	52 kg
Manufacturer	TCL

Feature	Detail
Country of Origin	China

WARRANTY AND SUPPORT

Your TCL 85C7K Television comes with a manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including warranty period and coverage details. For technical support, service inquiries, or to purchase replacement parts, please contact TCL customer service through their official website or the contact information provided in your warranty documentation.

Online resources, including FAQs and software updates, may also be available on the official TCL support website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Details

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