

The Q500L ECO Hemp PC Case From Cooler Master: A Solution to E-Waste?

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LOS ANGELES, CALIFORNIA – Cooler Master unveils **Q500L ECO**, a prototype chassis made entirely of eco-friendly, ethically sourced materials, pushing the PC DIY industry one step towards a more sustainable future.



How It Began.

With the rise of the PC DIY and gaming industry, came the desensitization of environmental damage caused by ever-accumulating e-waste. To remind users to be environmentally conscious with their purchase, as well as to bring users a pure experience free of negative environmental impact, Cooler Master takes on the quest to design a chassis made entirely from sustainable and biodegradable materials alone.

The Q500L ECO bears a minimalistic and neutral style, designed to not only utilize green materials, but to also showcase the variety of materials used and its core value. The frame has been created with FSC certified oak, sourced from sustainable forestry located in the Netherlands. Side panels were crafted from dark brown, hemp-based BioPanels, while the front dust filter has been created with Kraftplex, sheets of compressed cellulosic fibers. A circular, transparent window of biodegradable PLA on the side of the case mimics the visual appeal of tempered glass and allows the craftsmanship of the build and internal ARGB components to be fully displayed.

Go Hemp, Go Green.

“Being that a large part of our operation is based in the Netherlands, hemp seemed [like] a fun solution. What we didn’t expect was the application of hemp to be as diverse as it turned out to be,” the Q500L ECO design team says.

Widely used to make a variety of goods such as food, household items, and skincare products, hemp fibers can also be combined with PLA to create biodegradable and recyclable BioPanels. BioPanels have minimal carbon footprint and can withstand high heat, making it ideal for housing hardware and components during intense gaming sessions.



For a Cleaner Future.

Q500L ECO will not be mass produced, but serves as tangible evidence that there are real solutions to e-waste. Cooler Master hopes this chassis will inspire users and designers alike to explore greener alternatives when designing, modding, or purchasing products, so the joy of gaming can be appreciated for generations to come. This is also the start of self-reflection for us as a brand and how we can start to change our own ways to become more sustainable.



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About Cooler Master:

Established in 1992, Cooler Master is a performance PC component and peripherals brand with a track record for advancing the industry. From the world's first aluminum PC case to our pioneering thermal technologies, we are committed to breaking technological boundaries and challenging the status quo. Our focus is to create a community for individuals who dare to stand out and embrace their inventive identity. Whether new builders use a PC as medium for self-expression, or hardcore gamers set up their battle stations as a confession of character, we revel in being Wired Different. We are a brand aiming to go above and beyond the build-your-own PC experience by creating cool products for awesome people to build in their own unique way. More information is available at www.coolermaster.com and join us on [Instagram](#), [Twitter](#), [Discord](#) and [Facebook](#).
