



# Hardware For Software

## Presentation

We are a team of development experts with manufacturing experience who dive into solving your problems as our own.

Клиентов уже 36

26

Happy Clients

50

Complete projects

500k

Units produced

3

Awards



## INDUSTRIAL DESIGN

Great technologically wise design, with assurance of manufacturability.



## PROTOTYPING

Fast prototyping, with prototypes quality similar to mass production level.



## MANUFACTURING

Modern equipment and quality assurance allow us to produce high quality goods.

## Partner Ecosystem



BOM cost is lower than competitors could offer you, hence every device is more profitable to you

Time to market reduced since we have comprehensive support from partners

Premium after-sales service from our team all due to ad-hoc quotes from suppliers for us

## We are chosen by the leaders

Vast experience in manufacturing with factories in China and CIS	It means we designing devices according to real manufacturing capabilities, hence we ensure manufacturability
We take on responsibilities for every project	And we give new expertise in design development and production
Your IPR protected	We divide production documentation of a product into parts and restrict access to documentation from factories
Best Prices and Conditions	For our customers and prompt solution of issues in the design and production
Own laboratory	Testing system and methodology for improving products' quality and eliminating defects





Introduction: Fitness machine dedicated to backbone rehabilitation or relief.

Description: We created this unique fitness machine for startup in fitness industry. We spent time for use cases study and ergonomic evaluation of first hand-made prototype. The idea was to move arms and legs in some way which brings backbone waving effect and force machine to sync arms and legs and relief user from thinking about this kind of synchronization. We spent some time for research and then kinematic scheme was released components selected and we started prototype manufacturing.

Client's testimonials: Tiger

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Introduction: Medical Kiosk dedicated to express employees health check.

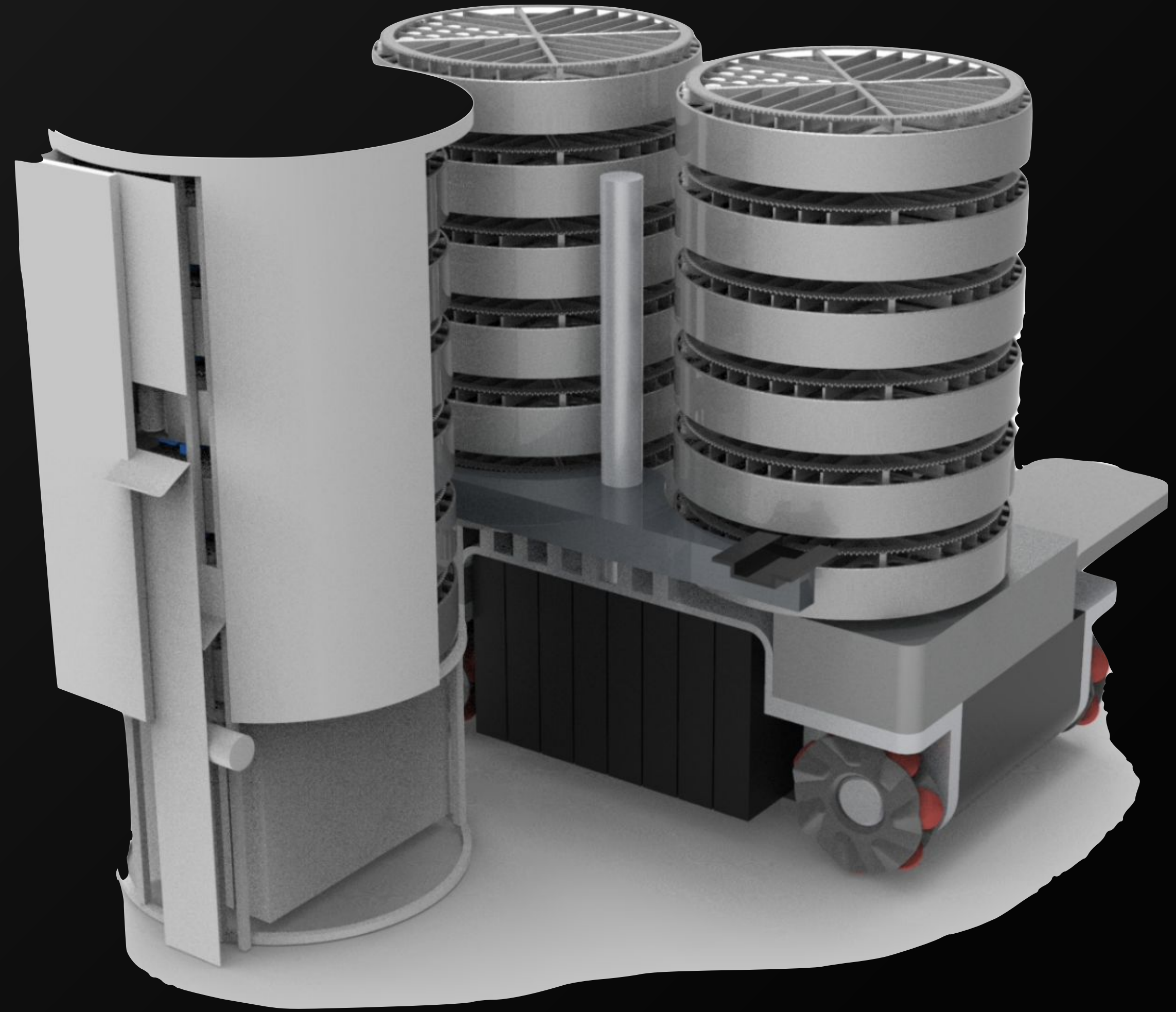
Description: We created this Medical Kiosk for express employees health check before workshift. System has pupilometer for drug intoxication detection, alcohol-screening device, blood pressure monitor, thermometer, CV camera, actuator for the seat.

Client's testimonials: Lukoil

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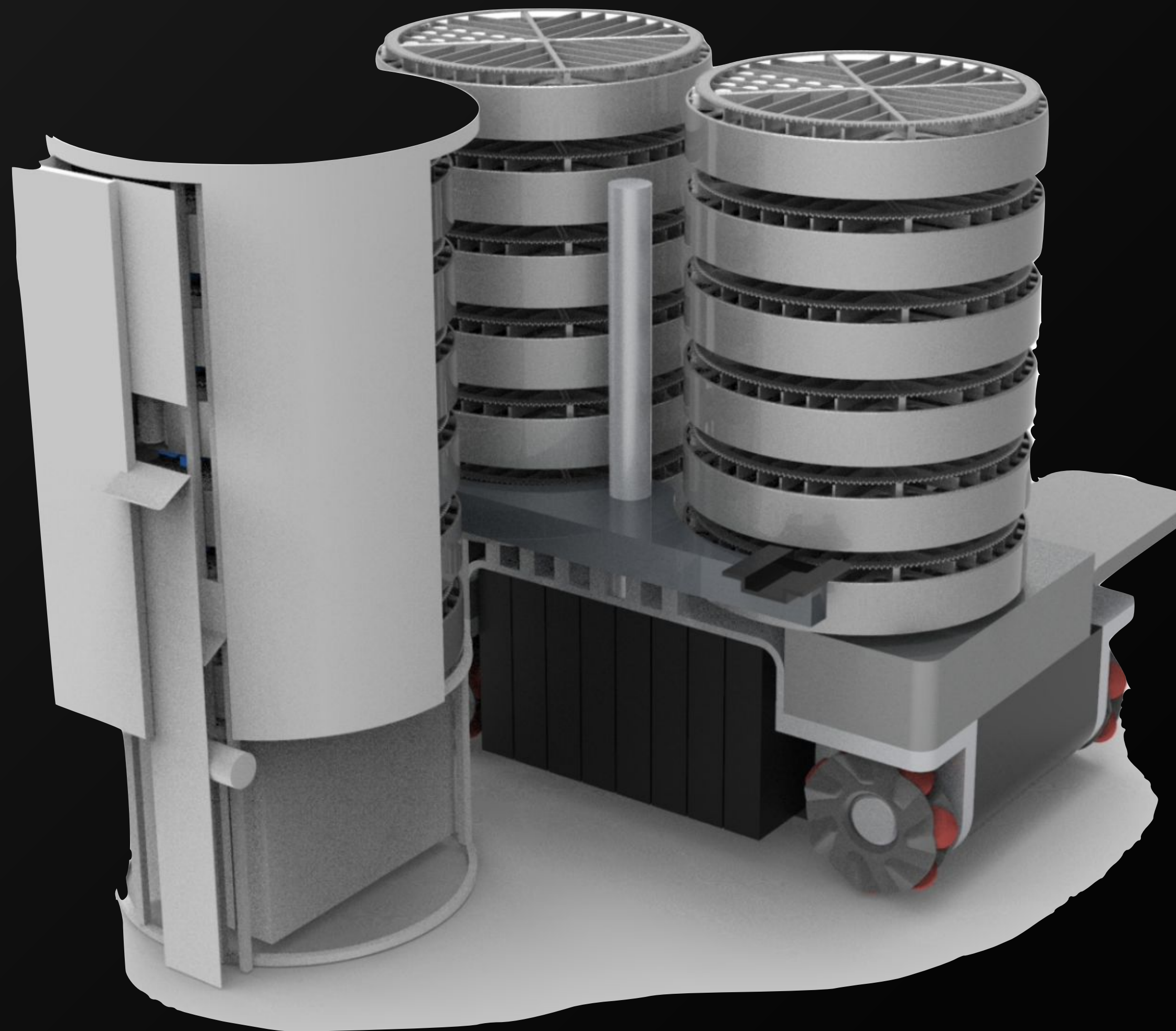




## AIN REQUIREMENTS PRODUCT OVERVIEW

Автономная вендинговая система для продажи инновационной еды. Система вендинговый аппарат+автономный транспорт работает без участия человека. В рамках проекта нами создано:

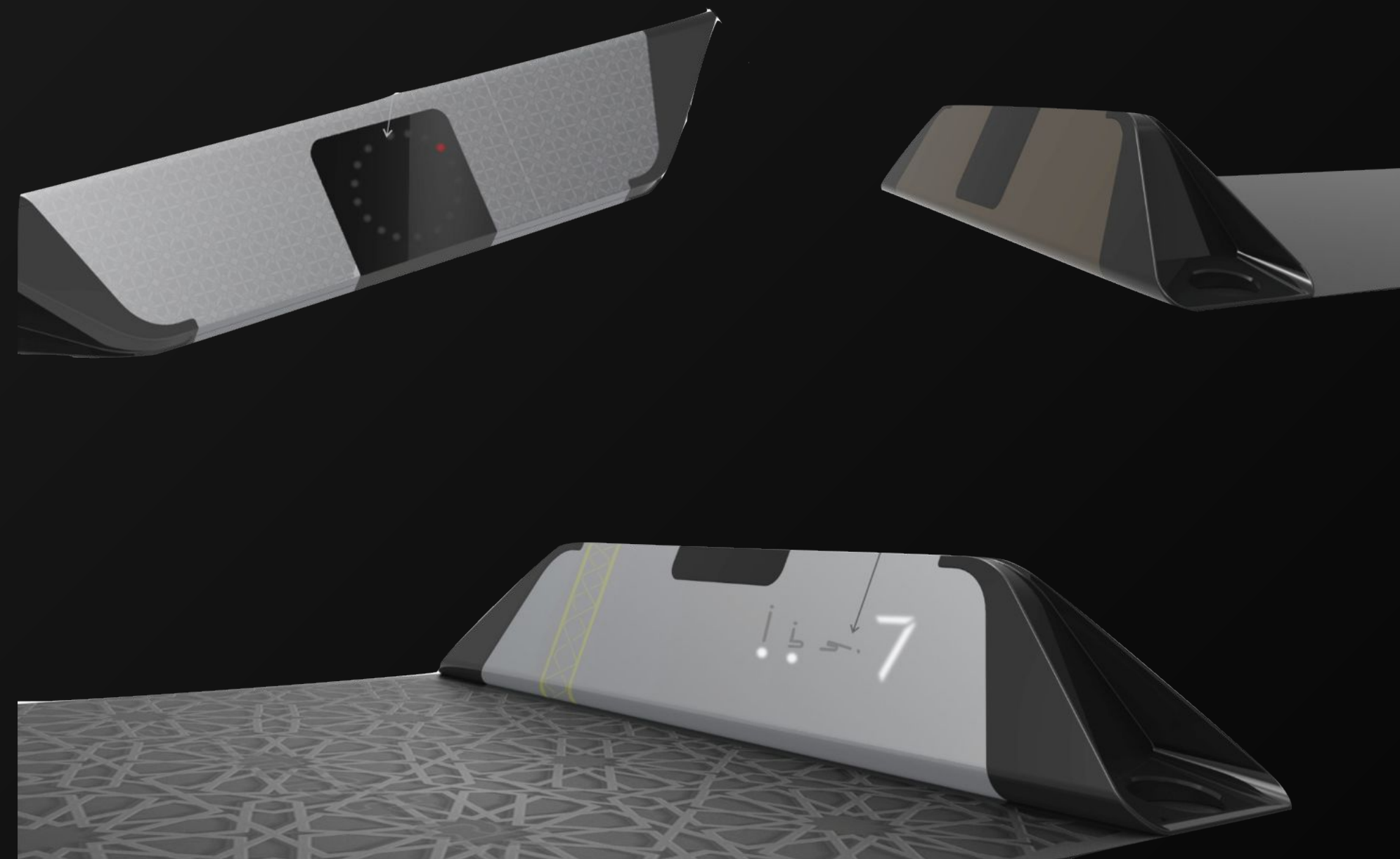
1. вендинговый аппарат с разработанной нами внутренней механикой кассет, системой охлаждения, датчиками, системой выдачи еды, визуально привлекательный внешний вид.
2. Автономный транспорт для доставки кассет
3. Система перегрузки кассет вендингового автомата в





## AIN REQUIREMENTS PRODUCT OVERVIEW

Mecca Mat is a smart electronic product mainly focused on the muslim auditory. It helps to find right direction to Kaaba, displaying salaat texts, poses and helps to execute ceremonial. Device comes pre-loaded with salaat texts. Users can connect to Wi-Fi or BT and get new texts and SW/ FW updates. Content could be displayed on e-ink display indoor or outdoor, supporting prayer and helping to follow ceremonial.



## PRODUCT POSITIONING

Mecca mat designed for all ages auditory and helping to execute ceremonial. Mecca mat could be connected to Bluetooth or Wi-Fi network device allows to upload new salaat or other religious texts and images.

Platform	Model name	Mecca Mat
	E-ink display	7.8inch Carta E Ink display
	Grayscale	16
	Resolution	300dpi and 1872x1404
	Touch sensor	10 points multi-touch
	Contrast ratio	12:1
	SoC ver.	MT6580
	Connectivity	BT + WiFi 5 (802.11ac) 2.4GHz
	Battery capacity	3 500mAh (TBD)
	SIM card/SD slot	SD slot only
	SoC	MTK
	USB 2.0	Type-C
	Audio	3.5 jack OMTP, Speakers 2x1W (TBD)
	Microphone	TBD
	Heatsink	Passive
	Dimensions	300x100x10 mm (will be updated upon design is finalized)
	EMMC	8
	RAM	1
	Battery Life	1 week text reading and direction to Kaaba searching
	BSP	Android AOSP / Linux - TBD
	Mechanical buttons	Power, volume
	LED	1 x RGB LED (charging status), 5 x White LED (D-pad)
	SD Card Tray/Slot	microSD
	NFC	Optional
Magnetometr (e-compass)	9 axis MEMS	Accelerometer + compass + gyro (ICM-20948)
GPS	Supported systems	GPS + GLO + GAL + BDS
	Receiver Sensitivity	Tracking and nav -167dBm



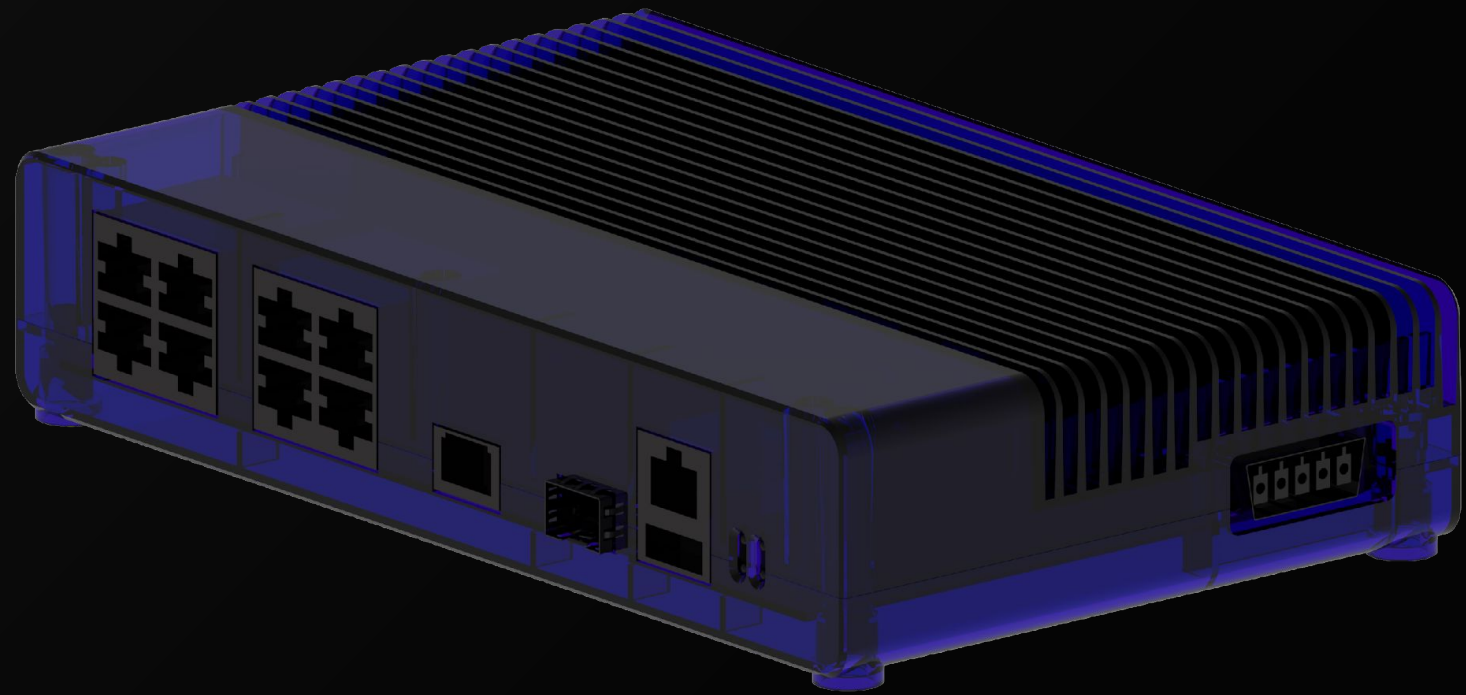
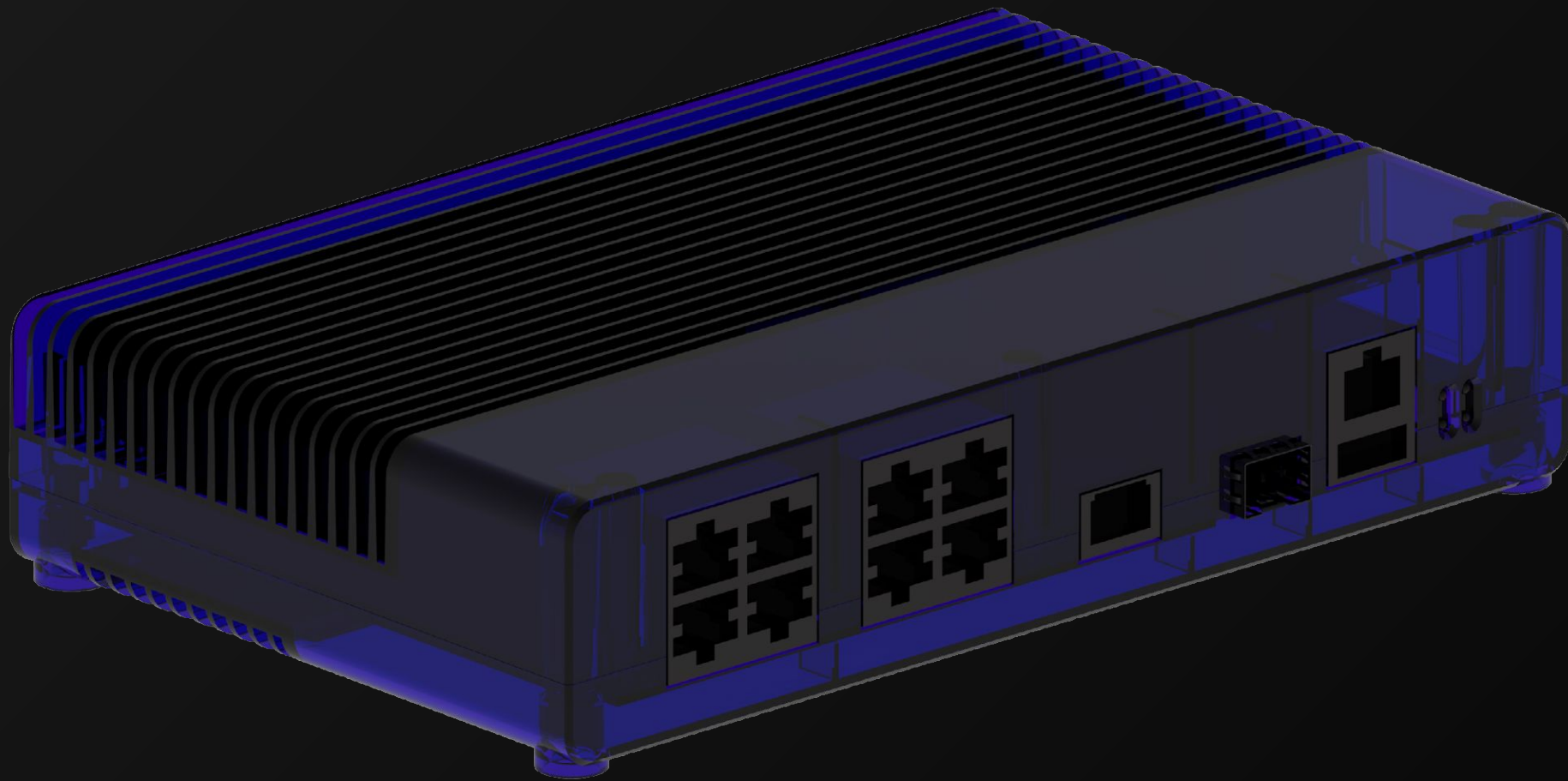
## Product Overview

Cinemood is a smart electronic projector mainly focused on the young auditory. It streams online content, including leading subscription-based platforms. Device comes pre-loaded with cartoons, e-books, bedtime stories from Disney and other cartoon studios. Users can connect to Wi-Fi and stream from their personal Netflix account or YouTube, and even download Netflix and other content directly to the device for offline viewing. Content can be projected onto any flat surface indoor or outdoor, creating a magical cinema experience for kids, parents and the whole family - anytime, anyplace.



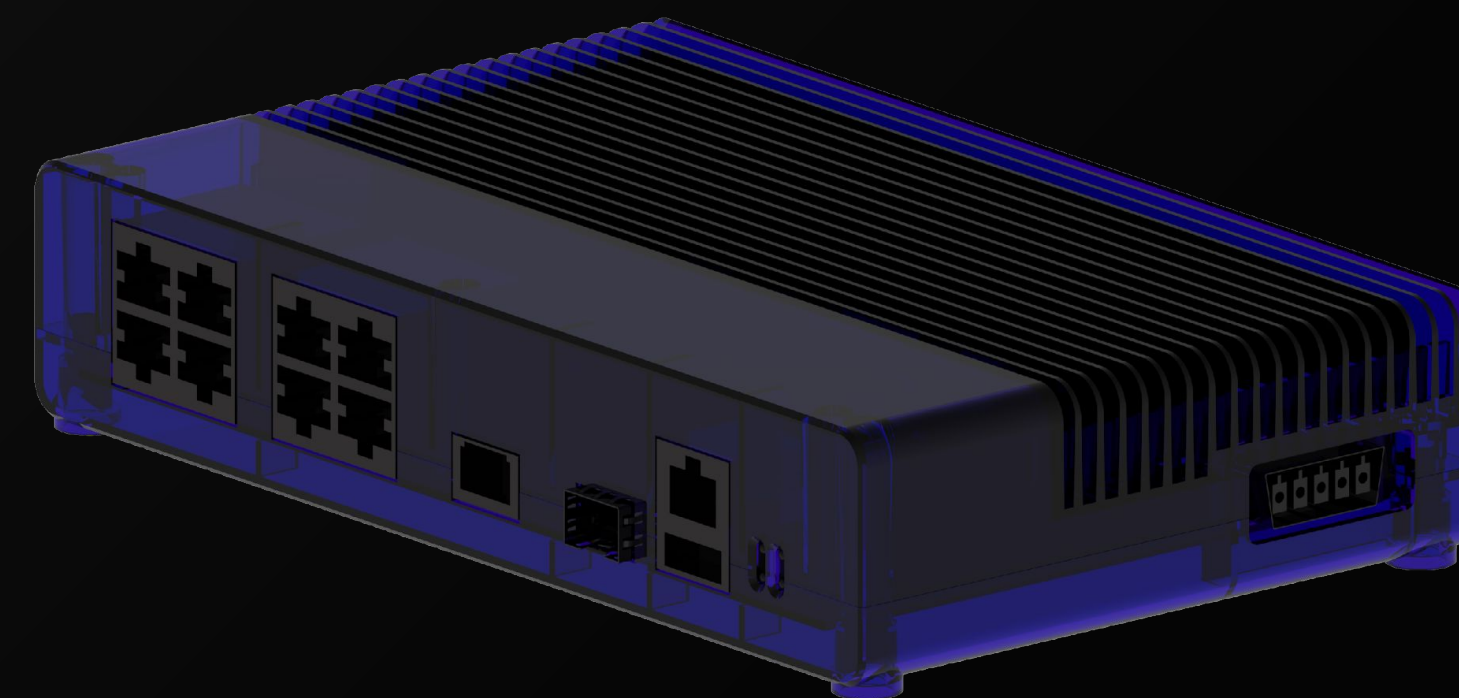
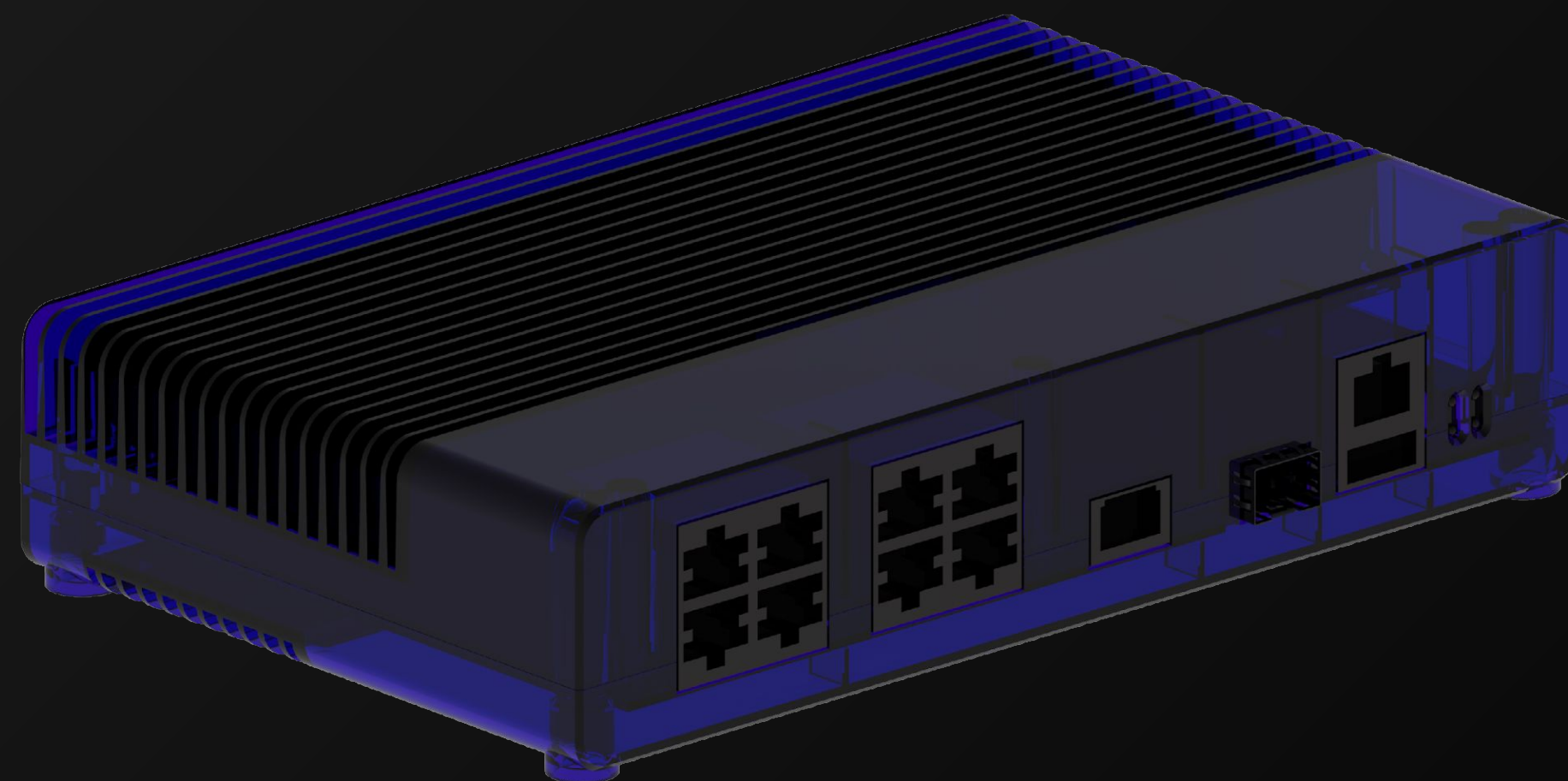
## Product Positioning

A projector designed for kids and parents who cares about health and mental safety of their kids. Cinemood 3 as always connected to the Bluetooth and Wi-Fi network device allows to upload fresh.





Добавить сканер



## Guarantee obligations for deliverables

You won't have hassles with manufacturing, we could handle that for you. We guarantee manufacturability for all our designs and could do amendments(tweaks) for particular EMS even after work completion certificate signing.

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You will get all design files and deliverables drafted according to the ANSI, ASME or ISO upon your choice.

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### Lifetime guarantee obligations for deliverables

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Certificate obtaining guarantee (for certification type which has been confirmed before design works started)

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We have our own laboratory, as well as a testing methodology which let us improve products quality and eliminate defects.

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We ensure IPR by providing files only needed for manufacturing(not original design files) and splitting tasks between factories.