

Luna Casa – Mobile home on wheels 13.3 m x 4.3 m (57.2 m²)

External Dimensions	13,33 m x 4,26 m (56,8 m ²)
Weight	12.5 tons
Room Height	Up to 2.75 m
Usable Area	45,75 m ² (Living room with kitchenette: 20.68 m ² , Bathroom: 4.98 m ² , Bedroom 1: 5.75 m ² , Bedroom 2: 10.12 m ² , Hallway: 4.22 m ²)
Structure	Steel frame with wooden elements. Built with 6 wheels (2 steerable), 2 twin rigid axles + turntable. Galvanized chassis for crane unloading. Anti-rodent protection. Swappable drawbar for towing. 8 galvanized support points.
Floor	Steel frame + waterproof plywood, 18 cm open-cell PUR foam, wooden substructure, OSB board, vinyl panel
Roof/Ceiling	Steel frame + wooden substructure, 18 cm open-cell PUR foam, high-permeability membrane, OSB board. Roof slope: 20.4°. Covered with black PREFA aluminum rhombus panels. Raised ceiling throughout (MDF panels), Fibo system in bathroom
Exterior Walls	PREFA aluminum rhombus cladding in black + decorative elements of Vinylit Quattro, installed vertically with a wood grain texture. Steel frame + wooden substructure, OSB board, 18 cm PUR insulation, wind and vapor barriers
Interior Walls	Wooden frame + OSB + MDF panels. Partition walls insulated with 5 cm mineral wool. Full Fibo system in bathroom
Doors	Entrance: 90/200 cm single-wing high-quality PVC door with exterior veneer and triple-glazed glass. Interior: 70/200 cm white MDF doors
Windows	7/6-chamber PVC system, 80 mm installation depth, triple-glazed with steel spacer. High-quality veneer exterior. Fixed glass window: 3.7 x 2.8 m with sliding doors within wall outline.
Electrical Installation	Distribution box, 3-phase system. Cables in conduit. 3x2.5 mm ² for sockets, 3x1.5 mm ² for lighting. Standard sockets, USB (x4), antenna (x1), internet (x1), switches. Outdoor sockets under the house (x2)
Plumbing Installation	ALU-PEX and PVC pipes in kitchen and bathroom, concealed in walls, outlets under the home
Ventilation	Sanitary system venting, two-speed continuous exhaust fan in bathroom. Heated air inlets. Heat recovery units (x3) in living room and bedrooms

Lighting	Interior: Adjustable LED ceiling spotlights + linear LED strips. Exterior: Directional wall sconces + waterproof linear LED lighting for fixed glass window
Heating	Underfloor foil heating throughout, compatible with panel flooring and Wi-Fi thermostats. Additional ribbed electric heater in bathroom. Air conditioning with heating
Bathroom	Corner square shower 90x90 cm, a 120 cm wall-mounted cabinet above the basin with a mirrored LED-illuminated front, countertop sink with cabinet (built-in boiler), wall-hung WC, HPL cabinet countertop
Kitchen	Glossy white cabinets, large built-in fridge, telescopic hood, 4-zone induction hob, oven with microwave function. Stainless steel inset sink. Dishwasher and washing machine in kitchen island. HPL compact board for countertop and backsplash
Living Room	Fold-out sofa, coffee table, wall cabinet, TV outlet, air conditioner Sinclair 3,5 KW, oak dining table with 4 chairs, curtains, Roman blinds
Bedroom 1	Double bed (160x200 cm) with a replaceable spring mattress and integrated bedding storage. Above the bed, there's built-in furniture with LED lighting, along with a wardrobe featuring hinged doors with partially mirrored fronts. Additionally, the room is equipped with two bedside tables and a Sinclair 2.7 KW air conditioning unit.
Bedroom 2	Single bed (80x200 cm) with a replaceable spring mattress and integrated bedding storage, a bedside table, and a wardrobe with a hanging rail and shelves (x2). There's also a desk with a wall-mounted furniture unit above it, featuring LED lighting, and a Roman blind.
Hallway	Built-in wardrobe niche (rail + shelves)

