

# Vehicle Detail Report

Xiaomi Auto SU7 2024 Four-wheel drive long endurance Max version

## Basic Information

Brand	Xiaomi Auto
Mileage	25,000 km
Color	Blue
First Registration	2025-01-01
Transfer Count	0

## Vehicle Images







## Vehicle Condition

1. Hood, Deformation. 2. Front bumper, Scratch damage. 3. Rear bumper, Scratch damage. 4. Left front door, Paint repair, Body panel repair. 5. Left rear door, Paint repair, Body panel repair. 6. Right front fender, Paint repair, Body panel repair. 7. Left rear quarter panel, Scratch. 8. Windshield, Stone chip.

## Configuration Information

### Model Information

<b>Model Name</b>	Xiaomi Auto SU7 2024 Four-wheel drive ultra-long endurance high-end intelligent driving Max version
<b>Launch Date</b>	2024.03

### Basic parameters

<b>Vehicle Class</b>	Mid-size and large cars
<b>Energy Type</b>	Battery Electric Vehicle (BEV)
<b>Maximum Power (kW)</b>	495
<b>Maximum Torque (N·m)</b>	838
<b>Body Type</b>	Sedan
<b>Dimensions (L×W×H) (mm)</b>	4997*1963*1440
<b>Official 0-100 km/h Acceleration (s)</b>	2.78
<b>Top Speed (km/h)</b>	265
<b>Curb Weight (kg)</b>	2205
<b>Maximum Gross Weight (kg)</b>	2655
<b>Fast Charging Time (h)</b>	0.32
<b>Electric Motor (PS)</b>	673
<b>Fast Charging Range (%)</b>	10-80
<b>Electricity Consumption in Fuel Equivalent (L/100km)</b>	1.55
<b>CLTC Electric Range (km)</b>	800

### Electric Motor

## Electric Motor (continued)

<b>Motor Type</b>	Front induction/asynchronous rear permanent magnet/synchronous
<b>Total Electric Motor Power (kW)</b>	495
<b>Total Electric Motor Torque (N·m)</b>	838
<b>Front Electric Motor Max Power (kW)</b>	220
<b>Front Electric Motor Max Torque (N·m)</b>	338
<b>Number of drive motors</b>	Dual motors
<b>Motor Layout</b>	Front-mounted Rear-mounted
<b>Battery Type</b>	Ternary lithium battery
<b>Battery Capacity (kWh)</b>	101
<b>Total Electric Motor Power (PS)</b>	673
<b>Rear Electric Motor Max Power (kW)</b>	275
<b>Rear Electric Motor Max Torque (N·m)</b>	500
<b>Battery Cell Brand</b>	Ningde Times
<b>Battery Cooling System</b>	Liquid cooling
<b>Power consumption per 100 kilometers (kWh/100km)</b>	13.7
<b>Fast charging function</b>	Support
<b>Slow charging port location</b>	Rear left side of the car
<b>Rear motor brand</b>	Suzhou Huichuan
<b>Rear motor model</b>	TZ220XY102
<b>High voltage fast charging</b>	Support
<b>Fast charging port location</b>	Rear left side of the car
<b>External AC discharge power (kW)</b>	3.5
<b>Previous Motor Brand</b>	Suzhou Huichuan
<b>Front motor model</b>	YS210XY102
<b>High voltage platform (V)</b>	800

## Electric Motor (continued)

<b>Battery unique technology</b>	Kirin Battery
<b>External DC discharge power (kW)</b>	6.6

## Screen/System

<b>Central control color screen</b>	<ul style="list-style-type: none"><li>• Touch LCD screen</li></ul>
<b>Infotainment Screen Size</b>	<ul style="list-style-type: none"><li>• 16.1 inches</li></ul>
<b>Bluetooth/In-car Phone</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Smartphone Integration/Mirroring</b>	<ul style="list-style-type: none"><li>• Apple CarPlay support;</li><li>• OEM smartphone integration/mirroring;</li><li>• Carlink support</li></ul>
<b>Voice recognition control system</b>	<ul style="list-style-type: none"><li>• Multimedia system;</li><li>• Navigation;</li><li>• Telephone;</li><li>• Air conditioning;</li><li>• Windows;</li><li>• Seat heating;</li><li>• Seat ventilation</li></ul>
<b>Voice wake-up recognition by region</b>	<ul style="list-style-type: none"><li>• Five areas</li></ul>
<b>In-vehicle intelligent system</b>	<ul style="list-style-type: none"><li>• Surging OS</li></ul>
<b>Rear LCD screen</b>	<input type="radio"/>
<b>App Store</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Central control screen resolution</b>	•3K
<b>Central control screen pixel density</b>	•225PPI
<b>Voice assistant wake-up word</b>	<ul style="list-style-type: none"><li>• Xiao Ai classmate</li></ul>
<b>Voice wake-up word-free</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Continuous speech recognition</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>See and Say</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Car Intelligent Chip</b>	<ul style="list-style-type: none"><li>• Qualcomm Snapdragon 8295</li></ul>
<b>Rear multimedia control</b>	<input type="radio"/>
<b>Rear LCD screen size</b>	<input type="radio"/> 11 inches; <input type="radio"/> 12.4 inches
<b>Number of rear multimedia screens</b>	<input type="radio"/> 2 pieces
<b>Voiceprint Recognition</b>	<ul style="list-style-type: none"><li>•</li></ul>

## Body

<b>Length (mm)</b>	4997
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## Body (continued)

<b>Width (mm)</b>	1963
<b>Height (mm)</b>	1440
<b>Wheelbase (mm)</b>	3000
<b>Front Track (mm)</b>	1693
<b>Rear Track (mm)</b>	1699
<b>Door Opening Type</b>	swing door
<b>Number of Doors</b>	4
<b>Number of Seats</b>	5
<b>Trunk volume (L)</b>	493
<b>Drag Coefficient (Cd)</b>	0.195
<b>Approach Angle (°)</b>	13
<b>Departure Angle (°)</b>	16
<b>Minimum Turning Radius (m)</b>	5.7
<b>Frunk Capacity (L)</b>	105

## Gearbox

<b>Abbreviation</b>	Electric vehicle single speed gearbox
<b>Number of Gears</b>	1
<b>Transmission Type</b>	Fixed Gear Ratio Transmission

## Chassis steering

<b>Drive Type</b>	Dual-motor All-wheel Drive
<b>Four-wheel drive</b>	Electric four-wheel drive
<b>Front Suspension Type</b>	Double wishbone independent suspension
<b>Rear Suspension Type</b>	Five-link independent suspension
<b>Power Steering Type</b>	Electric power assistance
<b>Vehicle structure</b>	bearing type
<b>Air Suspension Type</b>	single cavity

## Seat Configuration

<b>Seat Material</b>	○ Leather (USD 1,176); • Imitation leather
<b>Main seat adjustment</b>	• Front and rear adjustment • Backrest adjustment Height adjustment (Four directions) Waist support (Four directions) Flank support (Proactive)

## Seat Configuration (continued)

<b>Co-seat adjustment method</b>	<ul style="list-style-type: none"><li>• Front and rear adjustment;</li><li>• Backrest adjustment;</li><li>• Height adjustment (2-way)</li></ul>
<b>Electric adjustment of driver's seat and passenger seat</b>	Main •/Deputy •
<b>Front seat functions</b>	<ul style="list-style-type: none"><li>• Heating;</li><li>• Ventilation;</li><li>• Headrest speaker (driving only)</li></ul>
<b>Electric seat memory function</b>	<ul style="list-style-type: none"><li>• driving position;</li><li>• co-pilot position</li></ul>
<b>Front passenger seat rear adjustable buttons</b>	-
<b>Rear seat folding</b>	<ul style="list-style-type: none"><li>• Proportional down</li></ul>
<b>Front/rear center armrest</b>	Front •/Rear •
<b>Rear cup holder</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Second row seat functions</b>	<ul style="list-style-type: none"><li>• Heating</li></ul>
<b>Sports style seats</b>	<ul style="list-style-type: none"><li>•</li></ul>

## Active safety

<b>Anti-lock Braking System (ABS)</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Electronic Brakeforce Distribution (EBD/CBC)</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Brake Assist System (EBA/BAS/BA)</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Traction Control System (ASR/TCS/TRC)</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Electronic Stability Control (ESC/ESP/DSC)</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Tire Pressure Monitoring System (TPMS)</b>	<ul style="list-style-type: none"><li>• Tire pressure display</li></ul>
<b>Seat Belt Reminder</b>	<ul style="list-style-type: none"><li>• Full vehicle</li></ul>
<b>ISOFIX Child Seat Anchors</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Lane Departure Warning System (LDWS)</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Autonomous Emergency Braking (AEB)</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Driver Fatigue Detection</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Forward Collision Warning (FCW)</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Rear Collision Warning</b>	<ul style="list-style-type: none"><li>•</li></ul>

## Active safety (continued)

<b>Low Speed Alert</b>	•
<b>Emergency Call System (eCall)</b>	•
<b>Built-in Dashcam</b>	•
<b>Door Opening Warning (DOW)</b>	•
<b>Sentry Mode</b>	•

## Air conditioning/refrigerator

<b>Air conditioning temperature control method</b>	• Automatic air conditioning
<b>Rear Independent Climate Control</b>	-
<b>Rear seat air vents</b>	•
<b>Temperature zone control</b>	•
<b>Car air purifier</b>	•
<b>In-cabin PM2.5 Filter</b>	•
<b>In-car Refrigerator</b>	○(USD 294)
<b>Car fragrance device</b>	○(USD 59)
<b>Heat pump air conditioner</b>	•
<b>Air quality monitoring</b>	•

## Passive safety

<b>Driver/passenger airbag</b>	Main •/Deputy •
<b>Front/rear side airbags</b>	Front •/Rear-
<b>Front/rear head airbags (curtain airbags)</b>	Front •/Rear •
<b>Passive pedestrian protection</b>	•
<b>Front center airbag</b>	•

## Wheel brake

<b>Front Brake Type</b>	Ventilation disc
<b>Rear Brake Type</b>	Ventilation disc
<b>Parking brake type</b>	Electronic Parking
<b>Front Tire Size</b>	245/45 R19
<b>Rear Tire Size</b>	245/45 R19
<b>Spare Tire Size</b>	None

## Audio/Interior Lighting

## Audio/Interior Lighting (continued)

<b>Number of speakers</b>	• 25 speakers
<b>Interior ambient lighting</b>	• 256 color
<b>Active ambient lighting</b>	•
<b>Dolby Atmos</b>	•

## Driving functions

<b>Navigation traffic information display</b>	•
<b>Lane assist</b>	•
<b>Lane Keeping Assist System</b>	•
<b>Cruise control system</b>	• Full speed adaptive cruise
<b>Satellite navigation system</b>	•
<b>Driving assistance level</b>	•L2
<b>Rear Cross Traffic Alert</b>	•
<b>Lane centering</b>	•
<b>Road traffic sign recognition</b>	•
<b>Map Brand</b>	• Gaud
<b>Remote Parking</b>	•
<b>Tracking reverse</b>	○
<b>Driver assistance systems</b>	•Xiaomi HAD
<b>Remote Summon</b>	○
<b>Hands-off detection</b>	•
<b>Memory Parking</b>	○
<b>Traffic light recognition</b>	○
<b>Start reminder</b>	•
<b>Parking Assist</b>	•
<b>Lane Change Assist</b>	•
<b>Automatic Ramp Entry/Exit Assist</b>	○
<b>Highway sections</b>	○ Urban sections; ○ Expressway sections

## Exterior lighting

<b>Low beam light source</b>	•LED
<b>High beam light source</b>	•LED

## Exterior lighting (continued)

<b>LED daytime running lights</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Adaptive high and low beam</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Automatic headlights</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Height-adjustable headlights</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Headlight Delay Off</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Lighting features</b>	<ul style="list-style-type: none"><li>• Matrix</li></ul>
<b>Turn signal lamp</b>	<ul style="list-style-type: none"><li>•</li></ul>

## Exterior mirrors

<b>Exterior mirror function</b>	<ul style="list-style-type: none"><li>•Electric adjustment;</li><li>•Electric folding;</li><li>•Rearview mirror memory;</li><li>•Rearview mirror heating;</li><li>•Automatically turn down when reversing;</li><li>•Automatically fold when locking the car</li></ul>
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## Appearance/anti-theft

<b>Rim material</b>	<ul style="list-style-type: none"><li>• Aluminum alloy</li></ul>
<b>Electric trunk</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Central locking system in the car</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Key Type</b>	Remote key (199 yuan) Bluetooth key •NFC RFID key Smartwatch bracelet key
<b>Keyless start system</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Keyless entry function</b>	<ul style="list-style-type: none"><li>• Full vehicle</li></ul>
<b>Electric trunk position memory</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Remote start function</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Battery preheating</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Active closed grille</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Electric door closing</b>	<ul style="list-style-type: none"><li>• Full vehicle</li></ul>
<b>Frameless door design</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Discharge to the outside</b>	<ul style="list-style-type: none"><li>•</li></ul>
<b>Electric spoiler</b>	<ul style="list-style-type: none"><li>•</li></ul>

## Skylight/Glass

<b>Sunroof Type</b>	<ul style="list-style-type: none"><li>• Panoramic sunroof cannot be opened</li></ul>
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## Skylight/Glass (continued)

<b>Front/rear electric windows</b>	Front •/Rear •
<b>One-touch window lifting function</b>	• Full vehicle
<b>Window anti-pinch function</b>	•
<b>Car makeup mirror</b>	• Main driver's lamp; • co-pilot's lamp
<b>Rear wiper</b>	-
<b>Rain sensor wiper function</b>	• Rainfall-sensing
<b>Rear side privacy glass</b>	•

## Interior and exterior color

<b>Exterior Color</b>	Lava Orange #FF4D0C Elegant Gray #7E8081 Cambrian ash #283D6B Haze-glow purple #8F7576 bright magenta #C01C6C Olive green #676C4D Bay Blue #00AAC3 Diamond Black #000000 Pearl White #FAFAFA Meteor Blue #5D7393
<b>Interior Color</b>	Galaxy Gray #BDBDC5 Twilight Red #953133 Misty Purple #B093B1 Obsidian Black #000000 Milk gray #DFD0B7

## Steering wheel/interior mirror

<b>Steering Wheel Material</b>	• Cortex
<b>Steering wheel position adjustment</b>	• Electric up and down front and rear adjustment
<b>Multi-function steering wheel</b>	•
<b>Heated Steering Wheel</b>	•
<b>Steering wheel memory</b>	•
<b>Trip computer display screen</b>	• Color
<b>Full LCD instrument panel</b>	•
<b>LCD instrument size</b>	• 7.1 inches
<b>Interior rearview mirror function</b>	• Automatic anti-glare
<b>Gear shifting</b>	• Electronic gear shift
<b>HUD Head Up Digital Display</b>	•

## Steering wheel/interior mirror (continued)

<b>HUD head up size</b>	•56 inch
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## Intelligent configuration

<b>Connected Car Services</b>	•
<b>OTA Updates</b>	•
<b>4G/5G Network</b>	•5G
<b>Mobile APP remote function</b>	• Door control; • Window control; • Vehicle start-up; • Charging management; • Air conditioning control; • Steering wheel heating; • Seat heating; • Seat ventilation; • Vehicle condition inquiry/diagnosis; • Vehicle location/vehicle search; • Owner service (find charging piles, gas stations, parking lots, etc.)
<b>Wi-Fi hotspots</b>	•
<b>Simulate sound waves</b>	•
<b>Car KTV</b>	•

## Driving Control

<b>Driving mode switch</b>	• Sports; • Standard/Comfort; • Snow; • Custom/Personalized
<b>Automatic parking</b>	•
<b>Hill start assist</b>	•
<b>Energy recovery system</b>	•
<b>Variable suspension function</b>	• Suspension damping adjustment; • Suspension height adjustment
<b>Air Suspension</b>	•

## Driving Hardware

<b>Front/rear parking radar</b>	Front •/Rear •
<b>Driving Assistance Camera System</b>	• 360-degree panoramic image
<b>Front perception camera</b>	• Binocular
<b>Number of cameras</b>	• 11
<b>Number of ultrasonic radars</b>	• 12
<b>Transparent chassis/540-degree imaging</b>	•
<b>Millimeter wave radar quantity</b>	• 3
<b>Assisted driving chip</b>	• 2 Nvidia Drive Orin

## Driving Hardware (continued)

<b>Total chip computing power</b>	•508 TOPS
<b>LiDAR Brand</b>	•HESAI Technology
<b>LiDAR Model</b>	•AT128
<b>Number of LiDARs</b>	• 1
<b>Laser radar line number</b>	• 128 line
<b>Number of LiDAR point clouds</b>	• 1.53 million/sec
<b>Number of cameras in the car</b>	• 1
<b>Front perception camera pixels</b>	•USD 1,176,471
<b>Environmental awareness camera pixels</b>	•USD 441,176
<b>Surround view camera pixels</b>	•USD 441,176
<b>Laser radar 10% reflectivity detection distance</b>	• 200 m

## In-car charging

<b>Multimedia/charging port</b>	•USB;•Type-C
<b>Number of USB/Type-C ports</b>	• 4 in the front row/2 in the back row
<b>Mobile phone wireless charging function</b>	• Front row
<b>Luggage compartment 12V power socket</b>	•
<b>USB/Type-C maximum charging power</b>	•67W
<b>Mobile phone wireless charging power</b>	•50W

## Optional Package

## Optional Package (continued)

### Optional Package

Car phone holder (1 yuan Contains Car phone holder 99 yuan Car wireless charging mobile phone holder 149 yuan) Mijia front windshield parasol (129 yuan Contains Mijia front windshield parasol) Mijia Car Comfort Headrest (149 yuan Contains Mijia Car Comfort Headrest) Intercom charging stand (169 yuan Contains Intercom charging stand) Audio-activated ambient lighting (199 yuan Contains Audio-activated ambient lighting) Mijia multi-function strong flashlight (199 yuan Contains Mijia multi-function strong flashlight) Panoramic canopy sunshade (299 yuan Contains Panoramic canopy sunshade) Car front spare box storage box (299 yuan Contains Car front spare box storage box) Car trunk storage box (399 yuan Contains Car trunk storage box) Seat back plate bracket set (399 yuan Contains Seat back plate bracket set) Intelligent fragrance machine set (399 yuan Contains Intelligent fragrance machine set) Millet walkie talkie 3 (449 yuan Contains Millet walkie talkie 3) In-vehicle K Song microphone (499 yuan Contains In-vehicle K Song microphone) Central control screen physical button (499 yuan Contains Central control screen physical button) Smart dual dial (699 yuan Contains Smart dual dial) Outdoor Bluetooth speaker (699 yuan Contains Outdoor Bluetooth speaker) Intelligent chassis atmosphere lamp (999 yuan Contains Intelligent chassis atmosphere lamp) High-performance brake package (4133 yuan Contains High-performance brake pads High boiling point brake fluid) Xiaomi HAD (26000 yuan Contains High Speed Pilot Aid Acceleration/Deceleration lane change Access ramp automatic speed control automatic overtaking curve adaptive Construction avoidance Cagon two-stage avoidance congestion prevention Avoidance at confluence City Pilot Aid Traffic lights Acceleration/Deceleration lane change detour to avoid Turn left and right at the

intersection Yield to Pedestrians  
congestion prevention Two-wheeler  
avoidance Construction avoidance  
Special Vehicle Identification)

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"●" = Standard equipment

"□" = Not available

"○" = Optional equipment.

Note: These are Chinese market vehicles. Warranty coverage is not available outside of China.