

Xiaomi SU7 2024 800km all-wheel drive ultra-long range high-end smart driver Max version

Basic information

Manufacturer	Xiaomi Auto
Level	Medium and large car
Energy type	Pure electric
Time to market	2024.03
Pure electric mileage (km)	800
Fast charging time (hours)	0.32
Percentage of fast charge	10-80
Maximum Power (kW)	495
Maximum torque (N m)	838
Electromotor (Ps)	673
Gearbox	Electric vehicle single-speed gearbox
Length * width * height (mm)	4997*1963*1440
Body structure	4-door, 5-seater sedan
Maximum speed (km/h)	265
Official 0-100km/h acceleration (s)	2.78

Car body

Length (mm)	4997
Width (mm)	1963
Height (mm)	1440
Wheelbase (mm)	3000
Front wheel track(mm)	1693
Rear wheel track(mm)	1699
Approach angle (°)	13
Departure angle (°)	16
Minimum turning radius (m)	5.7
Body structure	Sedan
Door opening mode	Open the door flat
Number of doors (units)	4
Number of seats (unit)	5
Volume of front compartment (L)	105
Luggage compartment volume (L)	493
Wind resistance coefficient (Cd)	0.195
Quality of equipment (kg)	2205

Engine Electric motor

Motor type	Pre-induction / asynchronous post-permanent magnet / synchronization
Total Motor Power (kW)	495
Total torque of motor (N m)	838
Maximum power of front motor	220
Maximum torque of front motor (N m)	338
Maximum power of rear motor	275
Maximum torque of rear motor (N m)	500

Number of driving motors	Double motor
Motor layout	Front + rear
CLTC electric mileage (km)	800
100 km power consumption	13.7

Gearbox

Number of blocks	1
Gearbox type	Fixed gear ratio gearbox

Chassis steering

Driving mode	Dual motor four-wheel drive
Four-wheel drive form	Electric four-wheel drive
Front suspension type	double wishbone independent suspension
Rear suspension type	Five-link independent suspension
assist type	Electric power assist
body structure	load-bearing

Wheel brake

Front brake type	ventilation disc
Rear brake type	ventilation disc
Parking brake type	electronic parking
Front tire specification	245/45 R19
Rear tire specification	245/45 R19

Active / passive safety equipment

Driver/passenger airbag	<input checked="" type="checkbox"/> Driver <input checked="" type="checkbox"/> Passenger
Front/rear side airbags	<input checked="" type="checkbox"/> Front Row <input type="checkbox"/> Rear Row
Front/rear head airbags (curtain airbags)	<input checked="" type="checkbox"/> Front Row <input checked="" type="checkbox"/> Rear Row
Tire pressure monitoring function	<input checked="" type="checkbox"/> Tire pressure display
Seat belt unfastened reminder	<input checked="" type="checkbox"/> The whole car

Auxiliary / control configuration

Front / rear parking radar	<input checked="" type="checkbox"/> Front Row <input checked="" type="checkbox"/> Rear Row
Driving assist image	<input checked="" type="checkbox"/> 360 degree panoramic image
Cruise system	<input checked="" type="checkbox"/> Full speed adaptive cruise
Auxiliary driving level	<input checked="" type="checkbox"/> L2
Driving mode switching	<input checked="" type="checkbox"/> Exercise <input checked="" type="checkbox"/> Standard/Comfort <input checked="" type="checkbox"/> Snow land <input checked="" type="checkbox"/> Customization / personalization
Variable suspension function	<input checked="" type="checkbox"/> Suspension soft and hard adjustment <input checked="" type="checkbox"/> suspension height adjustment

External / anti-theft configuration

Sunroof type	<input checked="" type="checkbox"/> Cannot open panoramic sunroof
Rim material	<input checked="" type="checkbox"/> Aluminum alloy
Frameless design door	<input checked="" type="checkbox"/>

Electric suction door key type	<ul style="list-style-type: none"> ● The whole car ● Smart bracelet key ● Bluetooth key ● NFC/RFID key ○ remote key
Keyless entry function	<ul style="list-style-type: none"> ● The whole car
APP Remote Control	<ul style="list-style-type: none"> ● Charge management ● Door control ● Air conditioning control ● Vehicle condition inquiry / diagnosis ● Vehicle location / car search ● Window control ● Vehicle start ● Car owner service (find charging piles, gas stations, parking lots, etc.) ● Seat heating ● Seat ventilation ● Steering wheel heating

internal configuration	
Steering wheel material	<ul style="list-style-type: none"> ● Cortical layer
Steering wheel position adjustment	<ul style="list-style-type: none"> ● Electric up and down + front and rear adjustment
Driving computer display screen	<ul style="list-style-type: none"> ● Color
LCD meter size	<ul style="list-style-type: none"> ● 7.1 in.
Wireless charging function of	<ul style="list-style-type: none"> ● Front row

Seat configuration	
Seat material	<ul style="list-style-type: none"> ○ Dermis ● Imitation leather
Driver's seat adjustment method	<ul style="list-style-type: none"> ● Flank support (passive) ● Waist support (4 directions) ● High and low adjustment (4 directions) ● Backrest adjustment ● Front and rear adjustment
Adjustment mode of Passenger seat	<ul style="list-style-type: none"> ● High and low adjustment (4 directions) ● Backrest adjustment ● Front and rear adjustment
Driver / passenger seat electric adjustment	<ul style="list-style-type: none"> ● Driver ● Passenger
Front seat function	<ul style="list-style-type: none"> ● Headrest loudspeaker (driver seat only) ● Ventilation ● Heating
Memory function of electric seat	<ul style="list-style-type: none"> ● Passenger seat ● Driving position
Rear seat function	<ul style="list-style-type: none"> ● Heating
Back seat down form	<ul style="list-style-type: none"> ● Proportional toppling ● Front Row

Multimedia configuration	
Central control color LCD screen	<ul style="list-style-type: none"> ● Rear Row ● Touch LCD screen
LCD screen size	<ul style="list-style-type: none"> ● 16.1 in.
Vehicle intelligent system	<ul style="list-style-type: none"> ● Surging OS
Vehicle system processor	<ul style="list-style-type: none"> ● Qualcomm Snapdragon 8295
Mobile phone interconnection / mapping	<ul style="list-style-type: none"> ● Original factory interconnection / mapping ● Support for CarPlay ● Support for Carlink
Speech recognition control system	<ul style="list-style-type: none"> ● Multimedia system ● Navigation ● Telephone ● Seat heating ● Seat ventilation ● Air Conditioner
Multimedia / charging interface	<ul style="list-style-type: none"> ● Type-C ● USB
Number of USB/Type-C Interface	<ul style="list-style-type: none"> ● Front row 4 / back row 2
Number of speakers	<ul style="list-style-type: none"> ● 25 loudspeaker

Lighting configuration	
Low light source	<ul style="list-style-type: none"> ● LED
High beam light source	<ul style="list-style-type: none"> ● LED
Lighting features	<ul style="list-style-type: none"> ● matrix
Interior ambient lamp	<ul style="list-style-type: none"> ● 256 colors

Glass / rearview mirror	
Front/rear power windows	<ul style="list-style-type: none"> ● Front Row ● Rear Row
Window up and down function with Exterior mirror function	<ul style="list-style-type: none"> ● The whole car ● Mirror Memory ● Lock the car and fold automatically ● Electric folding ● rear view mirror heating ● Automatic reverse flipping ● Electric regulation
Inner rearview mirror function	<ul style="list-style-type: none"> ● Automatic anti-glare
In-car cosmetic mirror	<ul style="list-style-type: none"> ● Main driver + lights ● Front passenger + lighting
Inductive wiper function	<ul style="list-style-type: none"> ● rain sensing

Air conditioner / refrigerator	
Air conditioning temperature	<ul style="list-style-type: none"> ● Automatic air conditioning

Intelligent hardware	
Number of millimeter wave radars	<ul style="list-style-type: none"> ● 3
Number of lidars	<ul style="list-style-type: none"> ● 1
Chip total computing power	<ul style="list-style-type: none"> ● 508 TOPS
Number of ultrasonic radars	<ul style="list-style-type: none"> ● 12
Driving assist chip	<ul style="list-style-type: none"> ● Double Nvidia Drive Orin
Number of cameras	<ul style="list-style-type: none"> ● 11

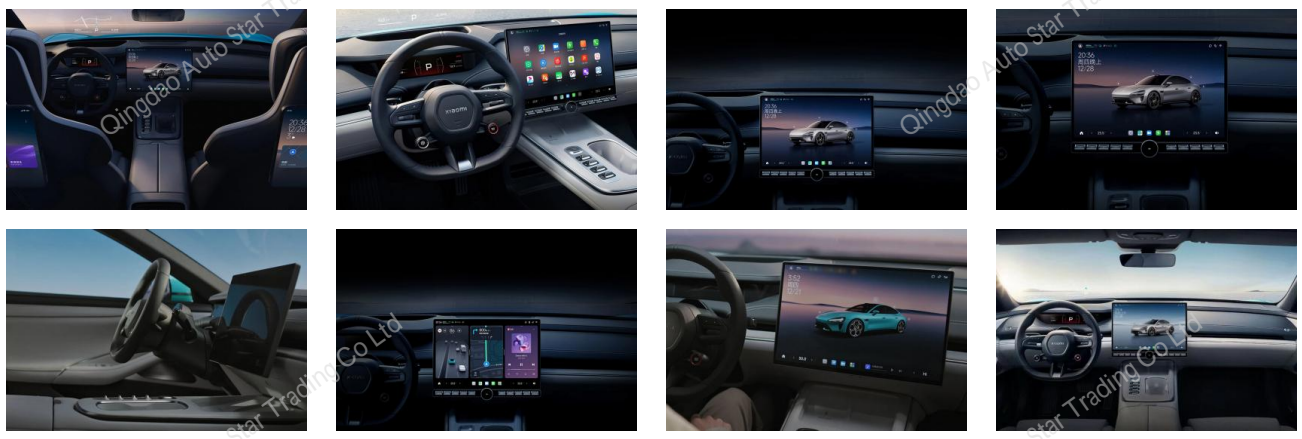
remarks	
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Appearance



Interior decoration



Space



remarks:

- standard
- optional
- no