

XIAOMI SU7



Model	2024 RWD Standard Long Endurance Model	2024 RWD Long Endurance Pro Model	2024 4WD Long Endurance Max Model
■ Basic information			
Manufacturer	Xiaomi	Xiaomi	Xiaomi
Class	Mid-Large Car	Mid-Large Car	Mid-Large Car
Energy Type	Pure Electric	Pure Electric	Pure Electric
Launch Date	2024.03	2024.03	2024.03
Motor	Pure Electric 299Ps	Pure Electric 299Ps	Pure Electric 673Ps
Pure Electric Range (km)	700	830	800
Charging Time (h)	Fast 0.42	Fast 0.5	Fast 0.32
Percentage of Fast Charge	10%-80%	10%-80%	10%-80%
Maximum Power (kW)	220(299Ps)	220(299Ps)	495(673Ps)
Maximum Torque (N·m)	400	400	838
Transmission	EV Single-Speed Transmission	EV Single-Speed Transmission	EV Single-Speed Transmission
Length × Width × Height (mm)	4997x1963x1455	4997x1963x1455	4997x1963x1440
Vehicle Type	4-Door 5-Seater Sedan	4-Door 5-Seater Sedan	4-Door 5-Seater Sedan
Max. Speed (km/h)	210	210	265
0-50 km/h Acceleration Time (s)	-	-	-
0-100 km/h Acceleration Time (s)	5.28	5.7	2.78
Power Consumption (kWh/100km)	12.3kWh	-	13.7kWh
Electric Energy Equivalent Fuel Consumption	1.39	-	1.55
■ Dimensional specifications			
Length (mm)	4997	4997	4997

Width (mm)	1963	1963	1963
Height (mm)	1455	1455	1440
Wheelbase (mm)	3000	3000	3000
Front Track (mm)	1693	1693	1693
Rear Track (mm)	1699	1699	1699
Car Structure	Sedan	Sedan	Sedan
Number of Doors	4	4	4
Door Opening Method	Side Hung Door	Side Hung Door	Side Hung Door
Number of Seats	5	5	5
Kerb Weight (kg)	1980	2090	2205
Loaded Weight (kg)	2430	2540	2655
Front Trunk Volume (L)	105	105	105
Trunk Volume (L)	622	622	598
Coefficient of Drag (Cd)	0.195	0.195	0.195
■ Electric Motor			
Motor	Pure Electric 299Ps	Pure Electric 299Ps	Pure Electric 673Ps
Motor Type	Permanent Magnet/Synchronous	Permanent Magnet/Synchronous	Front Induction/Asynchronous Rear Permanent Magnet/Synchronous
Motor Total Power (kW)	220	220	495
Motor Total Horsepower (Ps)	299	299	673
Motor Total Torque (N·m)	400	400	838
Front Motor Maximum Power (kW)	-	-	220
Front Motor Maximum Torque (N·m)	-	-	338
Rear Motor Maximum Power (kW)	220	220	275
Rear Motor Maximum Torque (N·m)	400	400	500
Number of Motors	Single Motor	Single Motor	Dual Motors
Motor Layout	Rear-Mounted	Rear-Mounted	Front-Mounted/Rear-Mounted
■ Battery/Charging			
Battery Type	Lithium Iron Phosphate Battery	Lithium Iron Phosphate Battery	Lithium-ion Battery (Ternary)
Battery Characteristic Technology	Blade Battery	Shenxing Battery	Kirin Battery
Battery Cell Brand	Fin-Dreams	CATL	CATL
Battery Capacity (kWh)	73.6	94.3	101.0
Battery Energy Density (Wh/kg)	-	-	-
Charging Time (h)	Fast 0.42	Fast 0.5	Fast 0.32

Maximum Fast Charging Power (kw)	-	-	-
Fast Charging Port Location	Left Side (Adjacent to Fuel Tank)	Left Side (Adjacent to Fuel Tank)	Left Side (Adjacent to Fuel Tank)
Slow Charging Port Location	Left Side (Adjacent to Fuel Tank)	Left Side (Adjacent to Fuel Tank)	Left Side (Adjacent to Fuel Tank)
Battery Temperature Management System	Low-Temperature Heating/Liquid Cooling	Low-Temperature Heating/Liquid Cooling	Low-Temperature Heating/Liquid Cooling
Single Pedal Mode	•	•	•
VTOL Mobile Power Station Function	•	•	•
Maximum External Discharge Power (kW)	3.5	3.5	3.5
Minimum Allowed State of Charge for External Discharge (%)	-	-	-
■ Transmission			
Transmission	EV Single-Speed Transmission	EV Single-Speed Transmission	EV Single-Speed Transmission
Number of Gears	1	1	1
Transmission Type	Fixed Gear Ratio Transmission	Fixed Gear Ratio Transmission	Fixed Gear Ratio Transmission
■ Chassis/Steering			
Motor Type	Rear-Wheel Drive (RWD)	Rear-Wheel Drive (RWD)	Dual Motors Four-Wheel Drive(4WD)
4WD Type	-	-	Electric 4WD
Front Suspension Type	Double-Wishbone Independent Suspension	Double-Wishbone Independent Suspension	Double-Wishbone Independent Suspension
Rear Suspension Type	Multi-Link Independent Suspension	Multi-Link Independent Suspension	Multi-Link Independent Suspension
Steering Type	Electric Power Steering	Electric Power Steering	Electric Power Steering
Body Structure	Monocoque	Monocoque	Monocoque
■ Wheels/Brakes			
Front Brake Type	Ventilated Disc	Ventilated Disc	Ventilated Disc
Rear Brake Type	Ventilated Disc	Ventilated Disc	Ventilated Disc
Parking Brake Type	Electronic Parking Brake	Electronic Parking Brake	Electronic Parking Brake
Front Tire Specifications	245/45 R19	245/45 R19	245/45 R19
Rear Tire Specifications	245/45 R19	245/45 R19	245/45 R19
Spare Tire Specifications	-	-	-
Spare Tire Placement	-	-	-
■ Active Safety Equipment			
Anti-lock Braking System (ABS)	•	•	•
Electronic Brakeforce Distribution (EBD) System	•	•	•
Electronic Brakeforce Assist (EBA) System	•	•	•
Traction Control System (TCS)	•	•	•
Vehicle Electronic Stability System (ESP/DSC)	•	•	•
Lane Departure Warning System (LDWS)	•	•	•

Front Collision Warning System (FCW)	•	•	•
Rear Collision Warning System (RCW)	•	•	•
Reverse Car Side Warning System	•	•	•
Door Open Warning System (DOW)	•	•	•
Automatic Emergency Braking System (AEB)	•	•	•
Lane Merge Assist	•	•	•
Lane Keeping System (Active) (LKS)	•	•	•
Lane Center Keeping	•	•	•
Fatigue Driving Warning System (FDW)	•	•	•
Active DMS Fatigue Detection	•	•	•
In-Car Vital Sign Monitoring	-	-	-
Traffic Sign Recognition System (TSR)	•	•	•
Traffic Light Recognition	-	-	-
Night Vision System	-	-	-
■ Passive Safety Equipment			
Front Dual Airbags	•	•	•
Front Seat Side Airbags	•	•	•
Front and Rear Integrated Side Curtain Airbags	•	•	•
Front Knee Airbags	-	-	-
Central Airbags	•	•	•
Driver/Passenger Seat Belt Warning	•	•	•
Tire Pressure Monitoring System (TPMS)	•	•	•
Child Seat Anchors (ISOFIX)	•	•	•
Passive Pedestrian Protection	•	•	•
Run Stability Control (RSC)	-	-	-
■ Assistance Control Configurations			
Front Parking Radar	•	•	•
Rear Parking Radar	•	•	•
Front Vehicle Departure Alert	•	•	•
Reverse Camera	•	•	•
360° Panoramic Imaging System	•	•	•
ACC-Full-Speed Adaptive Cruise Control System	•	•	•
Lane Change Assist System	•	•	•
Automatic Off-Ramp Assist	-	-	-

Drive Assistance Level	L2	L2	L2
Automatic Parking System	●	●	●
Track-Tracing Reverse	-	-	-
Memory Parking	-	-	-
Auto Hold	●	●	●
Hill Start Assist Control System	●	●	●
Hill Descent Control System	-	-	-
Adjustable Suspension	-	-	Soft and hard+high and low
Air Suspension	-	-	●
Electromagnetic Suspension	-	-	-
Magic Carpet Intelligent Suspension	-	-	-
Variable Steering Ratio System	-	-	-
Front Axle Limited Slip Mode	-	-	-
Rear Axle Limited Slip Mode	-	-	-
Center Differential Lock Function	-	-	-
Low-Speed Four-Wheel Drive	-	-	-
Integrated Active Steering System	-	-	-
Tank U-turn	-	-	-
Driving Mode	Sport,Personalization,ECO,Comfort,SnowField	Sport,Personalization,ECO,Comfort,SnowField	Sport,Personalization,ECO,Comfort,SnowField,Ejection
Brake Energy Regeneration System	●	●	●
Low-Speed Driving Warning	●	●	●
■ Exterior Equipment			
Openable Panoramic Sunroof	-	-	-
Closed Panoramic Sunroof	●	●	●
Light Sensing Panoramic Sunroof	-	-	-
Roof Rack	-	-	-
Sport Exterior Package	-	-	-
Electric Spoiler	-	-	●
Active Closing Air Grille	●	●	●
Aluminum Alloy Wheels	●	●	●
Side Foot Pedals	-	-	-
Frameless Door Design	●	●	●
Hidden Door Handles	-	-	-

Towing Hitch	-	-	-
■ Interior Equipment			
Steering Wheel Material	Genuine Leather	Genuine Leather	Genuine Leather
Steering Wheel Adjustment	Up-Down / Forward-Back	Up-Down / Forward-Back	Up-Down / Forward-Back
Electric Steering Wheel Adjustment	-	-	●
Steering Wheel Control	Multifunction Control/Heating	Multifunction Control/Heating	Multifunction Control/Memory/Heating
Driving Computer Screen	Color	Color	Color
Instrument Panel	Full LCD	Full LCD	Full LCD
Instrument Panel Inch	7.1	7.1	7.1
Instrument Panel Resolution	-	-	-
Instrument Panel PPI	-	-	-
■ Comfort and Anti theft			
Electric Soft-Close Doors	-	-	●
Electric Sliding / Upward-opening Doors	-	-	-
Electric Rear Tailgate	●	●	●
Inductive Rear Tailgate	-	-	-
Memory Electric Rear Tailgate	●	●	●
Central Locking Inside the Car	●	●	●
Remote Key	Intelligent Remote Key/Smartphone Bluetooth Key/NFC/RFID Key/Wearable key	Intelligent Remote Key/Smartphone Bluetooth Key/NFC/RFID Key/Wearable key	Intelligent Remote Key/Smartphone Bluetooth Key/NFC/RFID Key/Wearable key
Keyless Entry	●Entire Vehicle	●Entire Vehicle	●Entire Vehicle
Keyless Start	●	●	●
Remote Start	●	●	●
Remote Parking	●	●	●
Vehicle Summoning Function	-	-	-
HUD	-	-	●
HUD Inch	-	-	56
AR-HUD	-	-	-
Built-in Dashcam	●	●	●
Factory-installed ETC	-	-	-
Active Noise Cancellation	-	-	-
Mobile Wireless Charging	●	●	●
Maximum Mobile Wireless Charging Power (w)	50	50	50
110V/220V/230V Power Outlet	-	-	-

Trunk 12V Power Outlet	•	•	•
■ Seat Configuration			
Seat Material	Synthetic Leather	Synthetic Leather	Synthetic Leather
Leather Style	-	-	-
Sport-Style Seat	•	•	•
Seat Layout	-	-	-
Second Row Independent Seat	-	-	-
Third Row Seat	-	-	-
Power-Adjustable Seat	Driver/Passenger	Driver/Passenger	Driver/Passenger
Driver Seat Overall Adjustment	Forward and Backward/Backrest Angle/Height	Forward and Backward/Backrest Angle/Height	Forward and Backward/Backrest Angle/Height
Driver Seat Partial Adjustment	Lumbar	Lumbar	Lumbar
Passenger Seat Overall Adjustment	Forward and Backward/Backrest Angle/Height	Forward and Backward/Backrest Angle/Height	Forward and Backward/Backrest Angle/Height
Passenger Seat Partial Adjustment	-	-	-
Second Row Seat Overall Adjustment	-	-	-
Second Row Seat Partial Adjustment	-	-	-
Front Seat Functions	Heating/Ventilated/Memory	Heating/Ventilated/Memory	Heating/Ventilated/Memory
Second Row Seat Functions	Heating	Heating	Heating
Third Row Seat Functions	-	-	-
Boss Button	-	-	-
Armrest	Front/Rear	Front/Rear	Front/Rear
Rear Seat Cup Holders	•	•	•
Heated/Cooled Cup Holder	-	-	-
Rear Seat Folding Ratio	40:60	40:60	40:60
Rear Seat Electric Folding	-	-	-
Second-Row Small Table Board	-	-	-
■ Intelligent Connectivity			

Central Screen Size (inch)	16.1	16.1	16.1
Central Screen Resolution	3072x1920	3072x1920	3072x1920
Central Screen PPI	225	225	225
Touchscreen Haptic Feedback	-	-	-
Rotatable/Movable Central Control Screen	-	-	-
GPS Navigation System	•	•	•
AR Live Navigation	-	-	-
Navigation Traffic Information Display	•	•	•
Roadside Assistance Service	•	•	•
In-Car Bluetooth System	•	•	•
Smartphone Link Mirroring	Carlink/CarPlay/Original	Carlink/CarPlay/Original	Carlink/CarPlay/Original
Connected Car	•	•	•
4G/5G Network Service	5G	5G	5G
OTA Remote Upgrade	•	•	•
Facial Recognition	-	-	-
Fingerprint Recognition	-	-	-
Voiceprint Recognition	•	•	•
Emotion Recognition	-	-	-
Intelligent Voice Interaction System	•	•	•
Voice Wake-Up-Free Function	•	•	•
Voice Zone-based Wake-up Recognition	Driver/Passenger/Second Row	Driver/Passenger/Second Row	Driver/Passenger/Second Row
Continuous Speech Recognition	•	•	•
Voice Activation on Sight	•	•	•
Wake-Up Phrase for Voice Assistant	小爱同学	小爱同学	小爱同学
Gesture Control Function	-	-	-
In-Car WiFi	•	•	•
■ Video&audio Entertainment			
Multi-Finger Screen Control	-	-	-
App Store	•	•	•
Multimedia Interface	USB/Type-C	USB/Type-C	USB/Type-C
Number of USB/Type-C Ports	Front 3/Rear 2	Front 3/Rear 2	Front 3/Rear 2
Maximum USB/Type-C Charging Power	Front 67W/Rear 18W	Front 67W/Rear 18W	Front 67W/Rear 18W
In-Car TV	-	-	-
Rear Seat LCD Screen	-	-	-

Simulated Sound Effects	•	•	•
Relaxation Mode	-	-	-
Karaoke Function	•	•	•
Speaker Brand	-	-	-
Number of Speakers	10	10	25
Rear Multimedia Control	-	-	-
■ Lighting Equipment			
Low Beam	LED	LED	LED
High Beam	LED	LED	LED
Daytime Running Lights	•	•	•
Adaptive High/Low Beam	•	•	•
Automatic Headlight Activation	•	•	•
Side Turn Signals	•	•	•
Front Fog Lights	-	-	-
Adaptive Front-lighting System (AFS)	-	-	-
Headlight Height Adjustment	•	•	•
Headlight Washing Function	-	-	-
Ambient Atmosphere Lighting	256-colour	256-colour	256-colour
Active Ambient Lighting	-	-	-
Lighting Special Features	•Matrix-style	•Matrix-style	•Matrix-style
Headlight Delay Off	•	•	•
Front Headlight Fog Mode	-	-	-
■ Glass/Rearview Mirror			
Power Windows	Front/Rear	Front/Rear	Front/Rear
One-Touch Power Windows	•Entire Vehicle	•Entire Vehicle	•Entire Vehicle
Anti-Pinch Function Windows	•	•	•
External Rearview Mirror Functions	Electric Adjustment/Heating/Electric Folding/Memory/Reverse Auto-Tilt/Locking Auto-Folding	Electric Adjustment/Heating/Electric Folding/Memory/Reverse Auto-Tilt/Locking Auto-Folding	Electric Adjustment/Heating/Electric Folding/Memory/Reverse Auto-Tilt/Locking Auto-Folding
Interior Rearview Mirror Functions	Auto-Dimming	Auto-Dimming	Auto-Dimming
Makeup Mirror	Driver Illumination/Passenger Illumination	Driver Illumination/Passenger Illumination	Driver Illumination/Passenger Illumination
Rear Privacy Glass	•	•	•
Interior Sunshade	-	-	-

Rain-Sensing Wiper	•	•	•
Rear Wiper	-	-	-
Rear Window Glass Opening	-	-	-
Multi-Layer Soundproof Glass	-	-	-
Front Windshield Electric Heating	-	-	-
Auto-Heated Nozzles	-	-	-
■ Air Conditioning/Refrigerator			
Air Conditioning Control Mode	Automatic	Automatic	Automatic
Rear Independent Air Conditioning	-	-	-
Rear Air Vents	•	•	•
Temperature Zone Control	Dual-Zone Air Conditioning	Dual-Zone Air Conditioning	Dual-Zone Air Conditioning
In-Car Air Purifier	•	•	•
PM2.5 Filtration System	•	•	•
HEPA Filtration System	-	-	-
Negative Ion Generator	-	-	-
In-Car Fragrance System	-	-	-
Car refrigerator	-	-	-
■ Intelligent Features			
Driver Assistance System	Xiaomi Pilot	Xiaomi Pilot	Xiaomi Pilot
Driver Assistance Systems (ADAS) Chip	NVIDIA DRIVE Orin	NVIDIA DRIVE Orin X*2	NVIDIA DRIVE Orin X*2
ADAS Chip Processing Power (TOPS)	84	508	508
Vehicle Intelligent System	Xiaomi HyperOS	Xiaomi HyperOS	Xiaomi HyperOS
Vehicle Intelligent Chip	Snapdragon 8295	Snapdragon 8295	Snapdragon 8295
Mobile APP Remote Function	Vehicle Monitoring/Digital Key/Remote Control/Charging Management/Service Booking/Intelligent car search assistant	Vehicle Monitoring/Digital Key/Remote Control/Charging Management/Service Booking/Intelligent car search assistant	Vehicle Monitoring/Digital Key/Remote Control/Charging Management/Service Booking/Intelligent car search assistant
Heat Pump Management System	•	•	•
Maximum Forward Detection Range (m)	-	200	200
Number of Exterior Cameras	11	11	11
Pixel of the Exterior Camera	8 million*2 / 3 million*9	8 million*2 / 3 million*9	8 million*2 / 3 million*9
Number of Interior Cameras	1	1	1
Pixel of the Interior Camera	-	-	-
Number of Ultrasonic Radars	12	12	12
Number of Millimeter-wave Radars	1	3	3

Number of Laser Radar	-	1	1
Centimeter-Level High-Precision Positioning System	•	•	•
High-Precision Map	-	-	-
Sentry (Thousand-Mile Eye) Mode	•	•	•
V2X Communication	-	-	-