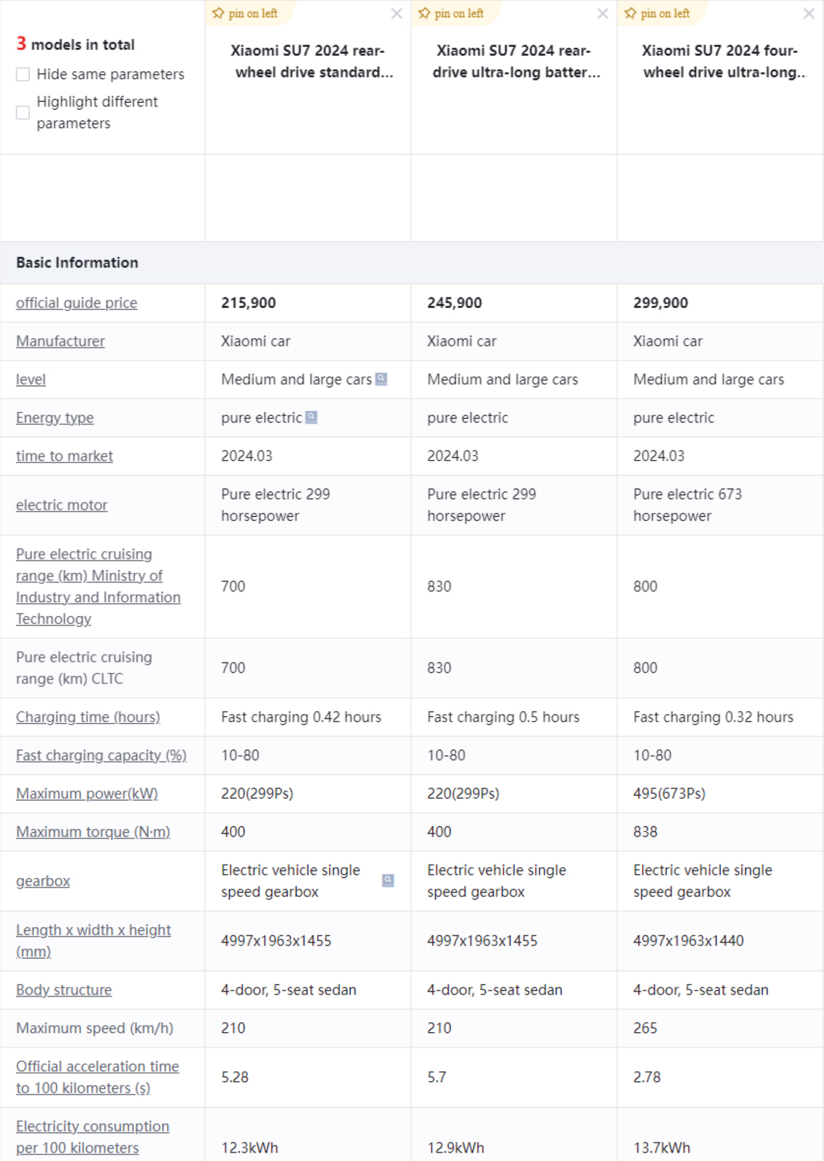
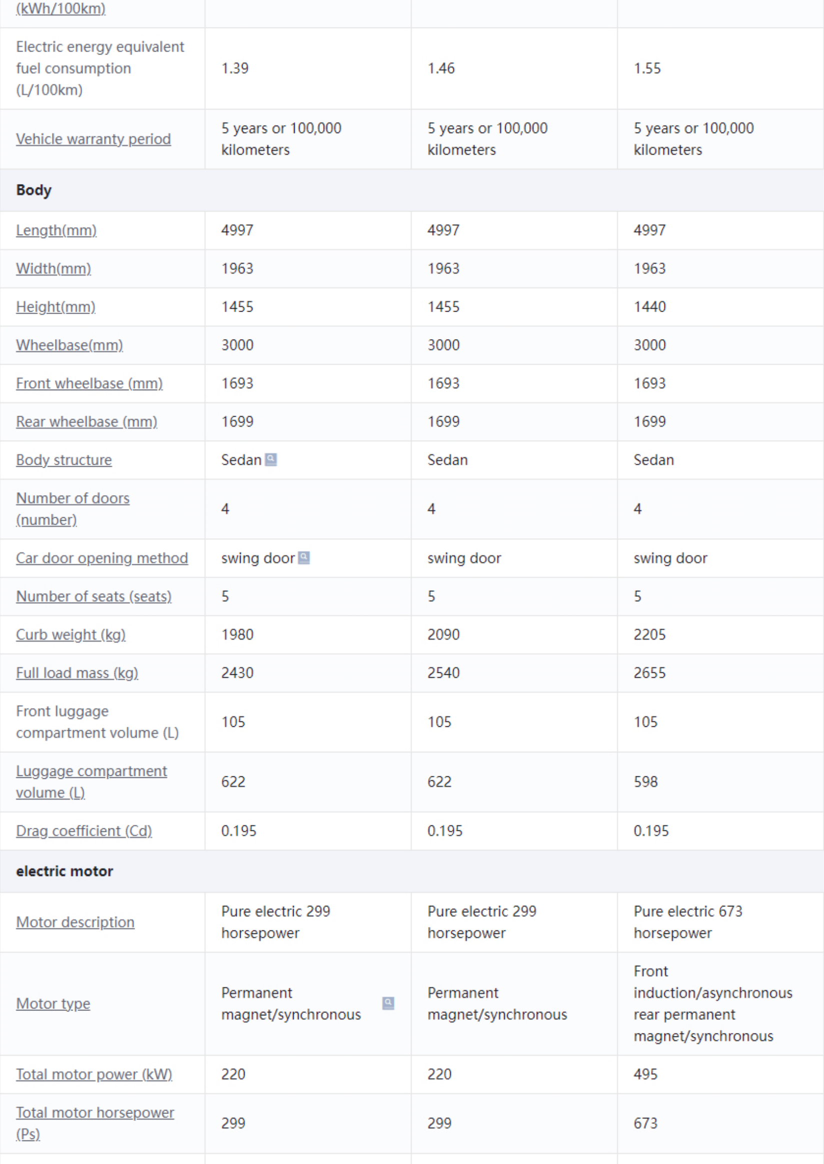


3 **models in total** ☐ Hide same parameters ☐ Highlight different parameters	**Xiaomi SU7 2024 rear-wheel drive standard...**	**Xiaomi SU7 2024 rear-drive ultra-long batter...**	**Xiaomi SU7 2024 four-wheel drive ultra-long..**
Basic Information			
official guide price	**215,900**	**245,900**	**299,900**
Manufacturer	Xiaomi car	Xiaomi car	Xiaomi car
level	Medium and large cars	Medium and large cars	Medium and large cars
Energy type	pure electric	pure electric	pure electric
time to market	2024.03	2024.03	2024.03
electric motor	Pure electric 299 horsepower	Pure electric 299 horsepower	Pure electric 673 horsepower
Pure electric cruising range (km) Ministry of Industry and Information Technology	700	830	800
Pure electric cruising range (km) CLTC	700	830	800
Charging time (hours)	Fast charging 0.42 hours	Fast charging 0.5 hours	Fast charging 0.32 hours
Fast charging capacity (%)	10-80	10-80	10-80
Maximum power(kW)	220(299Ps)	220(299Ps)	495(673Ps)
Maximum torque (N·m)	400	400	838
gearbox	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox
Length x width x height (mm)	4997x1963x1455	4997x1963x1455	4997x1963x1440
Body structure	4-door, 5-seat sedan	4-door, 5-seat sedan	4-door, 5-seat sedan
Maximum speed (km/h)	210	210	265
Official acceleration time to 100 kilometers (s)	5.28	5.7	2.78
Electricity consumption per 100 kilometers	12.3kWh	12.9kWh	13.7kWh



(kWh/100km)			
Electric energy equivalent fuel consumption (L/100km)	1.39	1.46	1.55
Vehicle warranty period	5 years or 100,000 kilometers	5 years or 100,000 kilometers	5 years or 100,000 kilometers
Body			
Length(mm)	4997	4997	4997
Width(mm)	1963	1963	1963
Height(mm)	1455	1455	1440
Wheelbase(mm)	3000	3000	3000
Front wheelbase (mm)	1693	1693	1693
Rear wheelbase (mm)	1699	1699	1699
Body structure	Sedan	Sedan	Sedan
Number of doors (number)	4	4	4
Car door opening method	swing door	swing door	swing door
Number of seats (seats)	5	5	5
Curb weight (kg)	1980	2090	2205
Full load mass (kg)	2430	2540	2655
Front luggage compartment volume (L)	105	105	105
Luggage compartment volume (L)	622	622	598
Drag coefficient (Cd)	0.195	0.195	0.195
electric motor			
Motor description	Pure electric 299 horsepower	Pure electric 299 horsepower	Pure electric 673 horsepower
Motor type	Permanent magnet/synchronous	Permanent magnet/synchronous	Front induction/asynchronous rear permanent magnet/synchronous
Total motor power (kW)	220	220	495
Total motor horsepower (Ps)	299	299	673

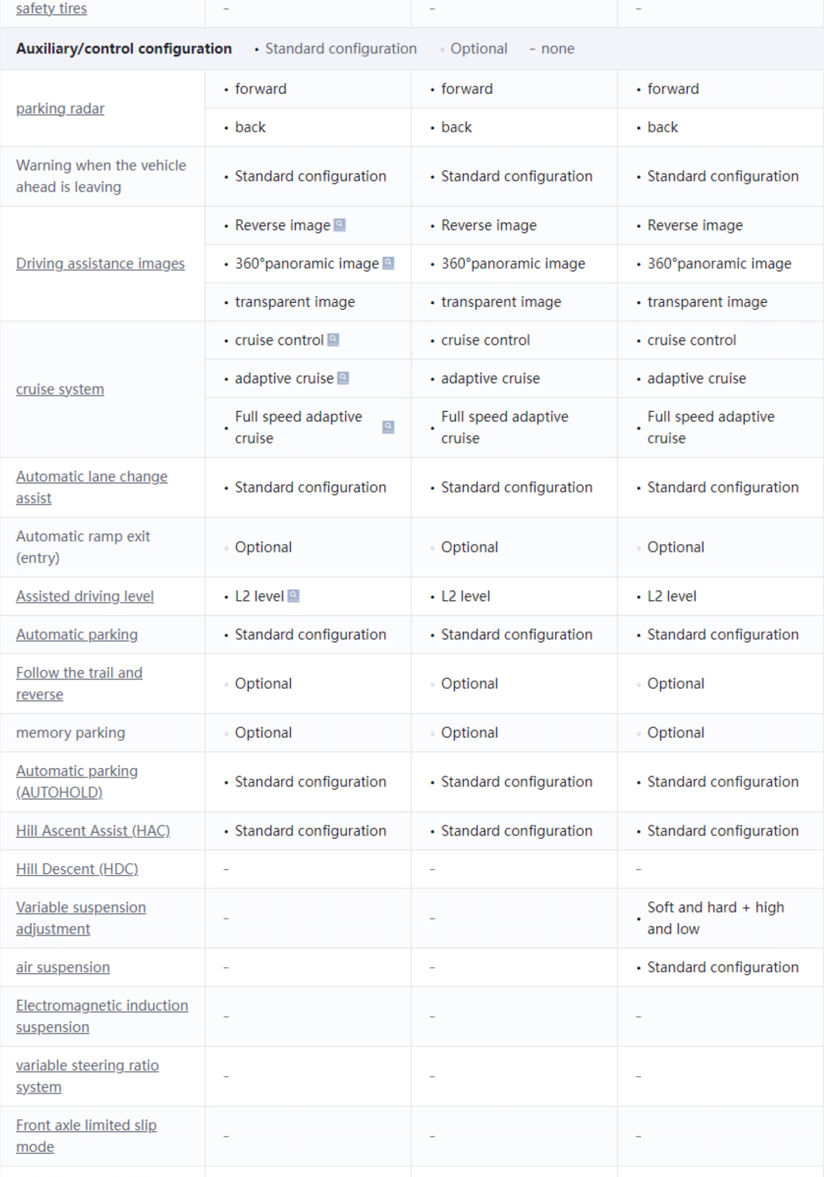
Total torque of motor (N·m)	400	400	838
Maximum power of front electric motor (kW)	-	-	220
Maximum torque of front electric motor (N·m)	-	-	338
Maximum power of rear electric motor (kW)	220	220	275
Maximum torque of rear electric motor (N·m)	400	400	500
Number of drive motors	single motor	single motor	Dual motor
Motor layout	rear	rear	Front + rear
Charging batteries			
Battery Type	Lithium iron phosphate battery	Lithium iron phosphate battery	Ternary lithium battery
Battery Features Technology	blade battery	Shenxing battery	Kirin battery
Battery brand	Ferdy	Ningde era	Ningde era
Battery pack warranty	8 years or 160,000 kilometers	8 years or 160,000 kilometers	8 years or 160,000 kilometers
Battery capacity (kWh)	73.6	94.3	101
Battery energy density (Wh/kg)	-	-	-
Charging batteries	Fast charging 0.42 hours	Fast charging 0.5 hours	Fast charging 0.32 hours
	• Fast charging interface	• Fast charging interface	• Fast charging interface
Fast charging interface location	Left fuel tank position	Left fuel tank position	Left fuel tank position
Slow charging interface location	Left fuel tank position	Left fuel tank position	Left fuel tank position
Battery temperature management system	• low temperature heating	• low temperature heating	• low temperature heating
	• liquid cooling	• liquid cooling	• liquid cooling
Single pedal mode	• Standard configuration	• Standard configuration	• Standard configuration
VTOL mobile power station functions	• Standard configuration	• Standard configuration	• Standard configuration
Maximum external discharge power (kW)	3.5	3.5	3.5

gearbox			
Gearbox description	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox
Number of gears	1	1	1
Gearbox type	fixed ratio gearbox	fixed ratio gearbox	fixed ratio gearbox
Chassis/steering			
Drive mode	rear wheel drive	rear wheel drive	Dual motor four-wheel drive
Four wheel drive type	-	-	Electric four-wheel drive
front suspension form	Double wishbone independent suspension	Double wishbone independent suspension	Double wishbone independent suspension
Rear suspension form	Multi-link independent suspension	Multi-link independent suspension	Multi-link independent suspension
steering type	electric assist	electric assist	electric assist
Body structure	Load-bearing	Load-bearing	Load-bearing
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	Electronic parking	Electronic parking
Front tire size	245/45 R19	245/45 R19	245/45 R19
Rear tire size	245/45 R19	245/45 R19	245/45 R19
Spare tire specifications	-	-	-
active safety • Standard configuration ◦ Optional - none			
ABS anti-lock	• Standard configuration	• Standard configuration	• Standard configuration
Braking force distribution (EBD/CBC, etc.)	• Standard configuration	• Standard configuration	• Standard configuration
Brake assist (EBA/BA, etc.)	• Standard configuration	• Standard configuration	• Standard configuration
Traction control (TCS/ASR, etc.)	• Standard configuration	• Standard configuration	• Standard configuration
Body stability system (ESP/DSC, etc.)	• Standard configuration	• Standard configuration	• Standard configuration
	• Lane Departure Warning	• Lane Departure Warning	• Lane Departure Warning

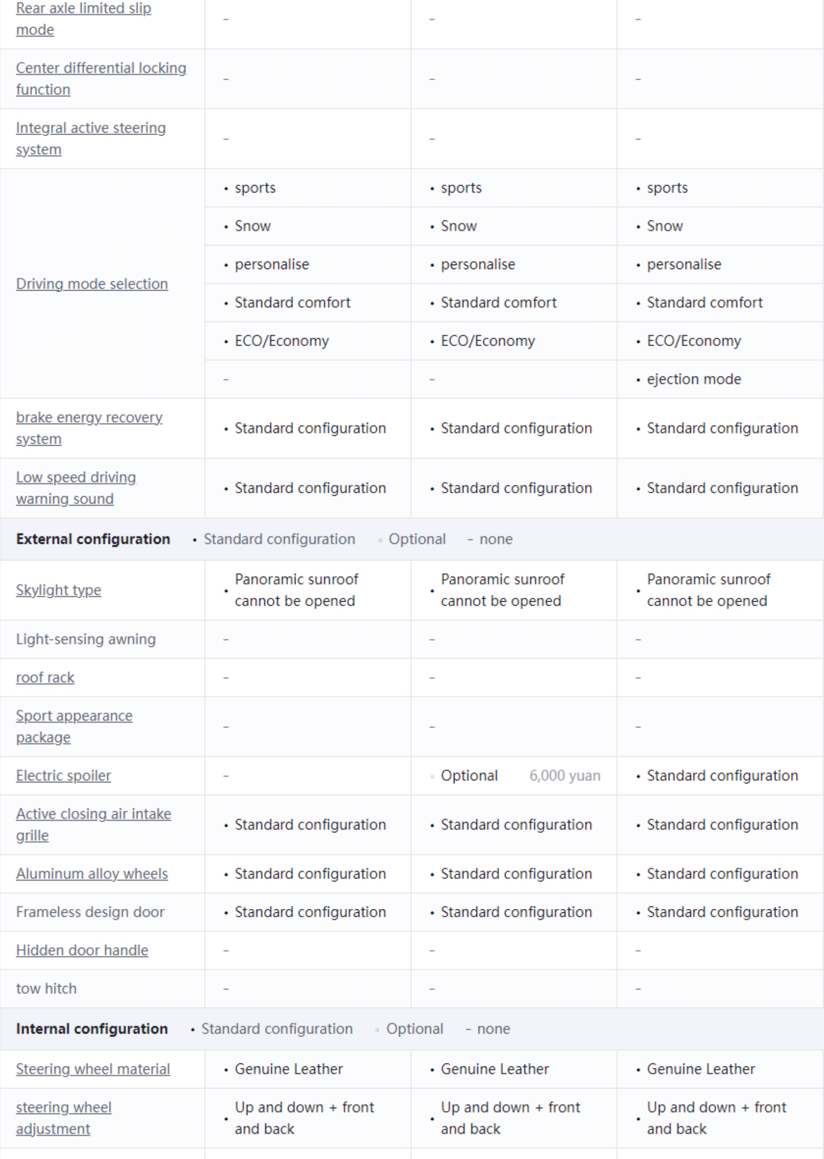
Active safety warning system	• forward collision warning	• forward collision warning	• forward collision warning
	• rear collision warning	• rear collision warning	• rear collision warning
	• Reverse side warning	• Reverse side warning	• Reverse side warning
	• DOW opening warning	• DOW opening warning	• DOW opening warning
Active braking	• Standard configuration	• Standard configuration	• Standard configuration
Parallel assistance	• Standard configuration	• Standard configuration	• Standard configuration
Lane Keeping Assist System	• Standard configuration	• Standard configuration	• Standard configuration
Lane centering	• Standard configuration	• Standard configuration	• Standard configuration
Fatigue driving tips	• Standard configuration	• Standard configuration	• Standard configuration
Active DMS fatigue detection	• Standard configuration	• Standard configuration	• Standard configuration
In-car vital signs detection	–	–	–
Road traffic sign recognition	• Standard configuration	• Standard configuration	• Standard configuration
Traffic light identification	–	◦ Optional	◦ Optional
night vision system	–	–	–

passive safety • Standard configuration ◦ Optional – none

front airbag	• Driver's seat	• Driver's seat	• Driver's seat
	• Passenger seat	• Passenger seat	• Passenger seat
side airbag	• front row	• front row	• front row
side curtain airbags	• Standard configuration	• Standard configuration	• Standard configuration
Front knee airbag	–	–	–
center airbag	• front row	• front row	• front row
Seat belt not fastened reminder	• Standard configuration	• Standard configuration	• Standard configuration
tire pressure monitoring system	• Tire pressure display	• Tire pressure display	• Tire pressure display
Child seat interface (ISOFIX)	• Standard configuration	• Standard configuration	• Standard configuration
passive pedestrian protection	• Standard configuration	• Standard configuration	• Standard configuration



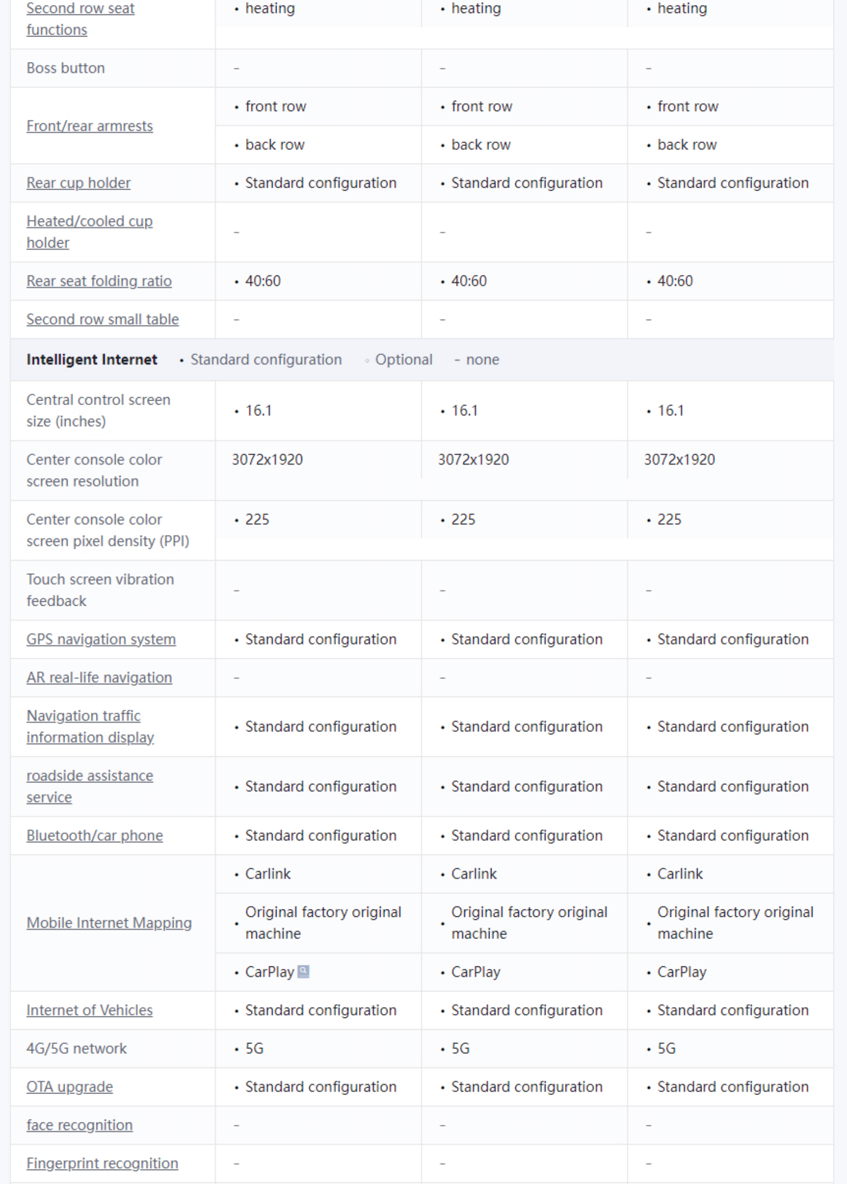
safety tires	-	-	-
Auxiliary/control configuration	• Standard configuration	◦ Optional	- none
parking radar	• forward	• forward	• forward
	• back	• back	• back
Warning when the vehicle ahead is leaving	• Standard configuration	• Standard configuration	• Standard configuration
Driving assistance images	• Reverse image	• Reverse image	• Reverse image
	• 360°panoramic image	• 360°panoramic image	• 360°panoramic image
	• transparent image	• transparent image	• transparent image
cruise system	• cruise control	• cruise control	• cruise control
	• adaptive cruise	• adaptive cruise	• adaptive cruise
	• Full speed adaptive cruise	• Full speed adaptive cruise	• Full speed adaptive cruise
Automatic lane change assist	• Standard configuration	• Standard configuration	• Standard configuration
Automatic ramp exit (entry)	◦ Optional	◦ Optional	◦ Optional
Assisted driving level	• L2 level	• L2 level	• L2 level
Automatic parking	• Standard configuration	• Standard configuration	• Standard configuration
Follow the trail and reverse	◦ Optional	◦ Optional	◦ Optional
memory parking	◦ Optional	◦ Optional	◦ Optional
Automatic parking (AUTOHOLD)	• Standard configuration	• Standard configuration	• Standard configuration
Hill Ascent Assist (HAC)	• Standard configuration	• Standard configuration	• Standard configuration
Hill Descent (HDC)	-	-	-
Variable suspension adjustment	-	-	• Soft and hard + high and low
air suspension	-	-	• Standard configuration
Electromagnetic induction suspension	-	-	-
variable steering ratio system	-	-	-
Front axle limited slip mode	-	-	-



Rear axle limited slip mode	-	-	-
Center differential locking function	-	-	-
Integral active steering system	-	-	-
Driving mode selection	• sports • Snow • personalise • Standard comfort • ECO/Economy -	• sports • Snow • personalise • Standard comfort • ECO/Economy -	• sports • Snow • personalise • Standard comfort • ECO/Economy • ejection mode
brake energy recovery system	• Standard configuration	• Standard configuration	• Standard configuration
Low speed driving warning sound	• Standard configuration	• Standard configuration	• Standard configuration
External configuration	• Standard configuration	◦ Optional	- none
Skylight type	• Panoramic sunroof cannot be opened	• Panoramic sunroof cannot be opened	• Panoramic sunroof cannot be opened
Light-sensing awning	-	-	-
roof rack	-	-	-
Sport appearance package	-	-	-
Electric spoiler	-	◦ Optional 6,000 yuan	• Standard configuration
Active closing air intake grille	• Standard configuration	• Standard configuration	• Standard configuration
Aluminum alloy wheels	• Standard configuration	• Standard configuration	• Standard configuration
Frameless design door	• Standard configuration	• Standard configuration	• Standard configuration
Hidden door handle	-	-	-
tow hitch	-	-	-
Internal configuration	• Standard configuration	◦ Optional	- none
Steering wheel material	• Genuine Leather	• Genuine Leather	• Genuine Leather
steering wheel adjustment	• Up and down + front and back	• Up and down + front and back	• Up and down + front and back

Electric steering wheel adjustment	-	-	• Standard configuration
Steering wheel functions	• Multifunctional control	• Multifunctional control	• Multifunctional control
	-	-	• memory
	• heating	• heating	• heating
Driving computer screen	• color	• color	• color
LCD instrument style	• Full LCD	• Full LCD	• Full LCD
LCD meter size (inches)	• 7.1	• 7.1	• 7.1
Comfort/anti-theft configuration	• Standard configuration	◦ Optional	- none
Electric suction door	-	-	• Standard configuration
Electric tailgate	• Standard configuration	• Standard configuration	• Standard configuration
Sensing rear tailgate	-	-	-
Electric rear tailgate position memory	• Standard configuration	• Standard configuration	• Standard configuration
Central locking in car	• Standard configuration	• Standard configuration	• Standard configuration
Remote key type	• NFC/RFID key	• NFC/RFID key	• NFC/RFID key
	• wearable key	• wearable key	• wearable key
	• mobile phone bluetooth key	• mobile phone bluetooth key	• mobile phone bluetooth key
keyless entry	• whole car	• whole car	• whole car
Keyless start	• Standard configuration	• Standard configuration	• Standard configuration
remote start	• Standard configuration	• Standard configuration	• Standard configuration
remote control mobile vehicle	• Standard configuration	• Standard configuration	• Standard configuration
Vehicle summoning function	◦ Optional	◦ Optional	◦ Optional
Heads-up Display System (HUD)	-	-	• Standard configuration
HUD projection size (inches)	-	-	• 56
Built-in driving recorder	• Standard configuration	• Standard configuration	• Standard configuration
Active noise reduction	-	-	-
Mobile phone wireless charging	• Standard configuration	• Standard configuration	• Standard configuration

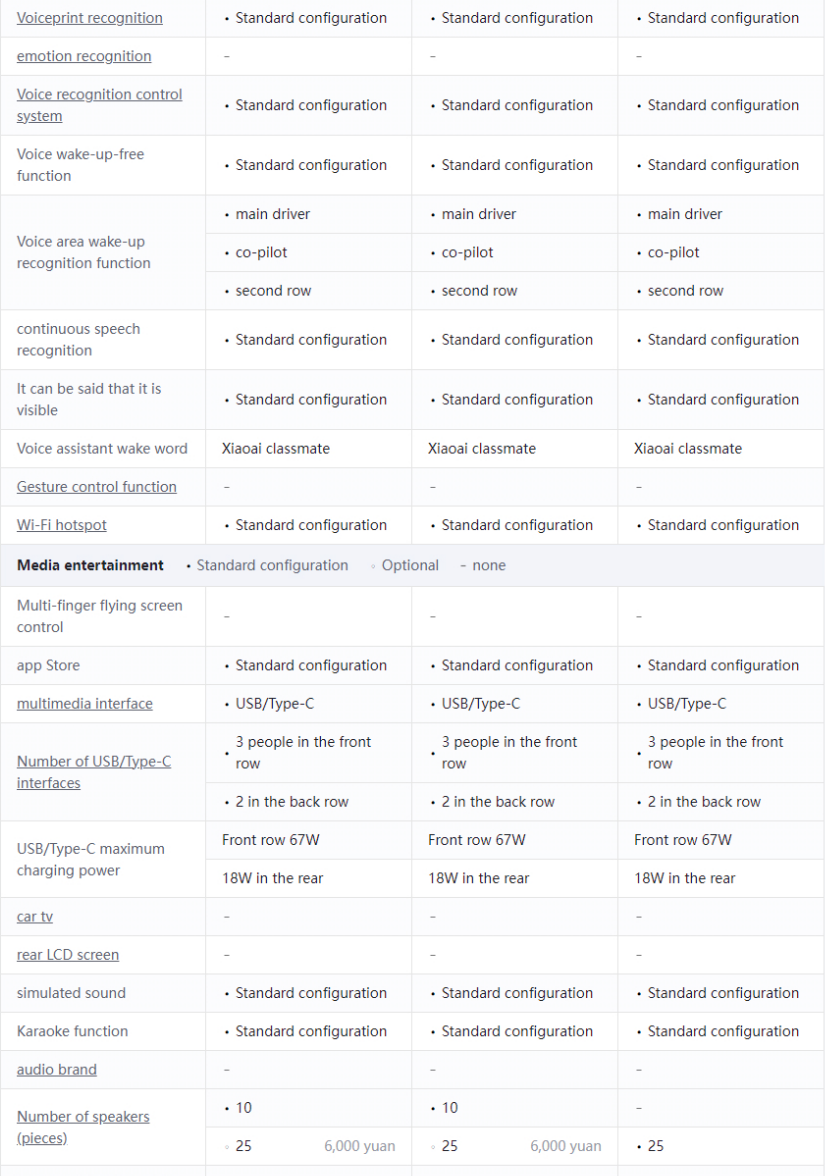
Maximum power of mobile phone wireless charging (W)	50	50	50
110V/220V/230V power socket	-	-	-
Luggage compartment 12V power interface	• Standard configuration	• Standard configuration	• Standard configuration
Seat configuration	• Standard configuration ◦ Optional - none		
seat material	• imitation leather ◦ Genuine Leather	• imitation leather ◦ Genuine Leather	• imitation leather ◦ Genuine Leather
Seat leather style	◦ Nappa leather 8,000 yuan	◦ Nappa leather 8,000 yuan	◦ Nappa leather 8,000 yuan
Sports style seats	• Standard configuration	• Standard configuration	• Standard configuration
Second row independent seats	-	-	-
Seat electric adjustment	• Driver's seat • Passenger seat	• Driver's seat • Passenger seat	• Driver's seat • Passenger seat
Overall adjustment of driver's seat	• Move forward and backward • Backrest angle • Height adjustment	• Move forward and backward • Backrest angle • Height adjustment	• Move forward and backward • Backrest angle • Height adjustment
Driver's seat partial adjustment	• waist	• waist	• waist
Overall adjustment of passenger seat	• Move forward and backward • Height adjustment • Backrest angle	• Move forward and backward • Height adjustment • Backrest angle	• Move forward and backward • Height adjustment • Backrest angle
Passenger seat partial adjustment	-	-	-
Second row seat overall adjustment	-	-	-
Partial adjustment of second row seats	-	-	-
Front seat functions	• heating • ventilation • memory	• heating • ventilation • memory	• heating • ventilation • memory



Second row seat functions	• heating	• heating	• heating
Boss button	-	-	-
Front/rear armrests	• front row	• front row	• front row
	• back row	• back row	• back row
Rear cup holder	• Standard configuration	• Standard configuration	• Standard configuration
Heated/cooled cup holder	-	-	-
Rear seat folding ratio	• 40:60	• 40:60	• 40:60
Second row small table	-	-	-

Intelligent Internet • Standard configuration ◦ Optional - none

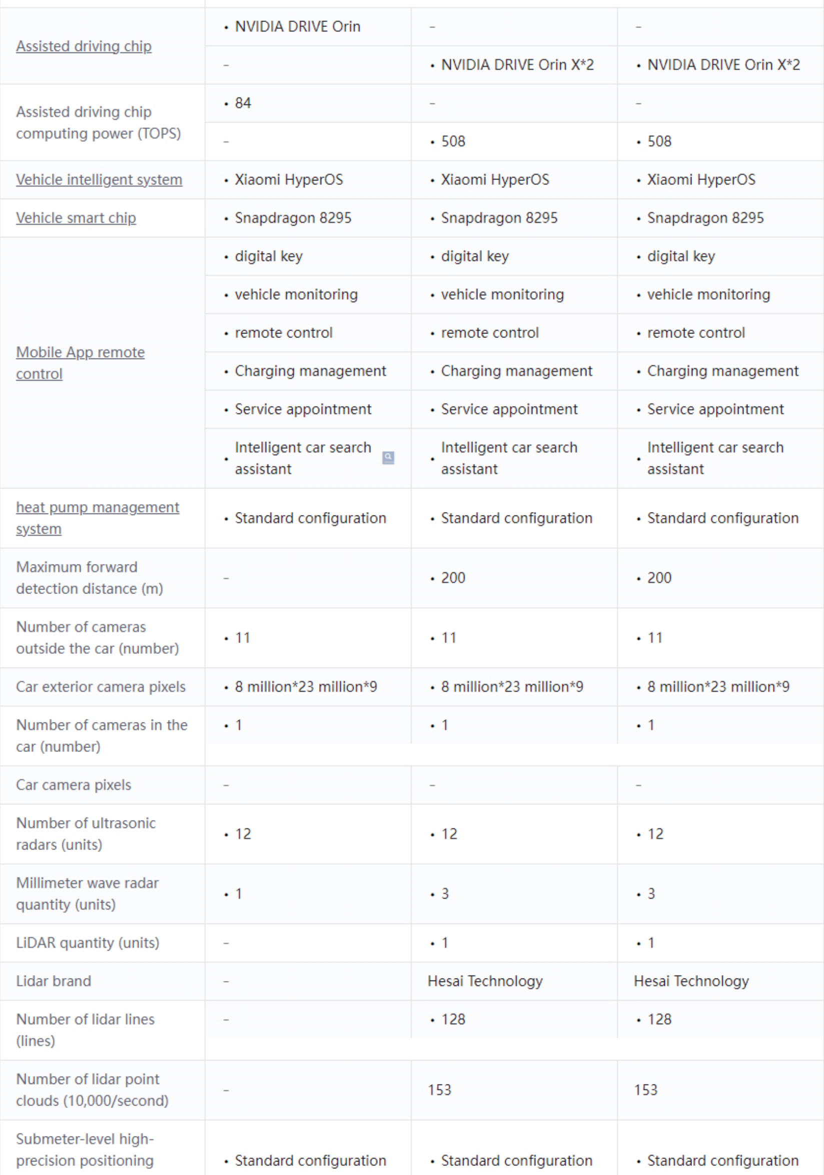
Central control screen size (inches)	• 16.1	• 16.1	• 16.1
Center console color screen resolution	3072x1920	3072x1920	3072x1920
Center console color screen pixel density (PPI)	• 225	• 225	• 225
Touch screen vibration feedback	-	-	-
GPS navigation system	• Standard configuration	• Standard configuration	• Standard configuration
AR real-life navigation	-	-	-
Navigation traffic information display	• Standard configuration	• Standard configuration	• Standard configuration
roadside assistance service	• Standard configuration	• Standard configuration	• Standard configuration
Bluetooth/car phone	• Standard configuration	• Standard configuration	• Standard configuration
Mobile Internet Mapping	• Carlink	• Carlink	• Carlink
	• Original factory original machine	• Original factory original machine	• Original factory original machine
	• CarPlay	• CarPlay	• CarPlay
Internet of Vehicles	• Standard configuration	• Standard configuration	• Standard configuration
4G/5G network	• 5G	• 5G	• 5G
OTA upgrade	• Standard configuration	• Standard configuration	• Standard configuration
face recognition	-	-	-
Fingerprint recognition	-	-	-



Voiceprint recognition	• Standard configuration	• Standard configuration	• Standard configuration
emotion recognition	-	-	-
Voice recognition control system	• Standard configuration	• Standard configuration	• Standard configuration
Voice wake-up-free function	• Standard configuration	• Standard configuration	• Standard configuration
Voice area wake-up recognition function	• main driver	• main driver	• main driver
	• co-pilot	• co-pilot	• co-pilot
	• second row	• second row	• second row
continuous speech recognition	• Standard configuration	• Standard configuration	• Standard configuration
It can be said that it is visible	• Standard configuration	• Standard configuration	• Standard configuration
Voice assistant wake word	Xiaoai classmate	Xiaoai classmate	Xiaoai classmate
Gesture control function	-	-	-
Wi-Fi hotspot	• Standard configuration	• Standard configuration	• Standard configuration
Media entertainment	• Standard configuration	◦ Optional	- none
Multi-finger flying screen control	-	-	-
app Store	• Standard configuration	• Standard configuration	• Standard configuration
multimedia interface	• USB/Type-C	• USB/Type-C	• USB/Type-C
Number of USB/Type-C interfaces	• 3 people in the front row	• 3 people in the front row	• 3 people in the front row
	• 2 in the back row	• 2 in the back row	• 2 in the back row
USB/Type-C maximum charging power	Front row 67W	Front row 67W	Front row 67W
	18W in the rear	18W in the rear	18W in the rear
car tv	-	-	-
rear LCD screen	-	-	-
simulated sound	• Standard configuration	• Standard configuration	• Standard configuration
Karaoke function	• Standard configuration	• Standard configuration	• Standard configuration
audio brand	-	-	-
Number of speakers (pieces)	• 10	• 10	-
	◦ 25 6,000 yuan	◦ 25 6,000 yuan	• 25

Rear multimedia control	-	-	-
Lighting configuration	• Standard configuration	◦ Optional	- none
Low beam lights	• led	• led	• led
High beam	• led	• led	• led
daytime running lights	• Standard configuration	• Standard configuration	• Standard configuration
Adaptive high and low beam	• Standard configuration	• Standard configuration	• Standard configuration
automatic headlights	• Standard configuration	• Standard configuration	• Standard configuration
Turn assist light	• Standard configuration	• Standard configuration	• Standard configuration
Front fog lights	-	-	-
Headlight adaptive steering (AFS)	-	-	-
Headlight height adjustment	• Standard configuration	• Standard configuration	• Standard configuration
Headlight cleaning function	-	-	-
Car interior ambient light	• 256 colors	• 256 colors	• 256 colors
Active ambient lighting	-	-	-
Lighting features	• Matrix	• Matrix	• Matrix
Delayed turn off of headlights	• Standard configuration	• Standard configuration	• Standard configuration
Headlight rain and fog mode	-	-	-
glass/rear view mirror	• Standard configuration	◦ Optional	- none
electric windows	• front row	• front row	• front row
	• back row	• back row	• back row
One-click lifting and lowering of windows	• whole car	• whole car	• whole car
Window anti-pinch function	• Standard configuration	• Standard configuration	• Standard configuration
Exterior rearview mirror function	• Electric adjustment	• Electric adjustment	• Electric adjustment
	• heating	• heating	• heating
	• Electric folding	• Electric folding	• Electric folding
	• memory	• memory	• memory

	• Automatic downturn when reversing • Automatic folding when locking the car	• Automatic downturn when reversing • Automatic folding when locking the car	• Automatic downturn when reversing • Automatic folding when locking the car
Interior rearview mirror function	• Automatic anti-dazzle	• Automatic anti-dazzle	• Automatic anti-dazzle
Car vanity mirror	• Main driving position + lighting • Passenger seat + illuminated	• Main driving position + lighting • Passenger seat + illuminated	• Main driving position + lighting • Passenger seat + illuminated
Rear privacy glass	• Standard configuration	• Standard configuration	• Standard configuration
car sunshade	-	-	-
Rain sensing wipers	• Standard configuration	• Standard configuration	• Standard configuration
rear wiper	-	-	-
Multilayer soundproof glass	-	-	-
Electric heating for front windshield	-	-	-
Heated water nozzle	-	-	-
Air conditioner/refrigerator	• Standard configuration	◦ Optional	- none
Air conditioning control method	• automatic	• automatic	• automatic
Independent air conditioning in the rear	-	-	-
Rear air outlet	• Standard configuration	• Standard configuration	• Standard configuration
Temperature zone control	• Dual zone air conditioning	• Dual zone air conditioning	• Dual zone air conditioning
Car air purifier	• Standard configuration	• Standard configuration	• Standard configuration
In-car PM2.5 filter device	• Standard configuration	• Standard configuration	• Standard configuration
HEPA filter	-	-	-
negative ion generator	-	-	-
Car fragrance device	-	-	-
car refrigerator	◦ Optional 2000 dollars	◦ Optional 2000 dollars	◦ Optional 2000 dollars
Intelligent configuration			
Assisted driving operating system	• Xiaomi Pilot	• Xiaomi Pilot	• Xiaomi Pilot



Assisted driving chip	• NVIDIA DRIVE Orin	-	-
	-	• NVIDIA DRIVE Orin X*2	• NVIDIA DRIVE Orin X*2
Assisted driving chip computing power (TOPS)	• 84	-	-
	-	• 508	• 508
Vehicle intelligent system	• Xiaomi HyperOS	• Xiaomi HyperOS	• Xiaomi HyperOS
Vehicle smart chip	• Snapdragon 8295	• Snapdragon 8295	• Snapdragon 8295
Mobile App remote control	• digital key	• digital key	• digital key
	• vehicle monitoring	• vehicle monitoring	• vehicle monitoring
	• remote control	• remote control	• remote control
	• Charging management	• Charging management	• Charging management
	• Service appointment	• Service appointment	• Service appointment
	• Intelligent car search assistant	• Intelligent car search assistant	• Intelligent car search assistant
heat pump management system	• Standard configuration	• Standard configuration	• Standard configuration
Maximum forward detection distance (m)	-	• 200	• 200
Number of cameras outside the car (number)	• 11	• 11	• 11
Car exterior camera pixels	• 8 million*23 million*9	• 8 million*23 million*9	• 8 million*23 million*9
Number of cameras in the car (number)	• 1	• 1	• 1
Car camera pixels	-	-	-
Number of ultrasonic radars (units)	• 12	• 12	• 12
Millimeter wave radar quantity (units)	• 1	• 3	• 3
LiDAR quantity (units)	-	• 1	• 1
Lidar brand	-	Hesai Technology	Hesai Technology
Number of lidar lines (lines)	-	• 128	• 128
Number of lidar point clouds (10,000/second)	-	153	153
Submeter-level high-precision positioning	• Standard configuration	• Standard configuration	• Standard configuration

system			
High-precision map	-	-	-
Sentinel (clairvoyance) mode	• Standard configuration	• Standard configuration	• Standard configuration
V2X communication	-	-	-
Optional package • Standard configuration ◦ Optional - none			
Customized options	Optional exterior, interior, wheels, brakes	Optional exterior, interior, wheels, brakes	Optional exterior, interior, wheels, brakes
Xiaomi Pilot Max		High-speed pilot assistance: acceleration and deceleration lane change, entry and exit ramps, automatic speed control, automatic overtaking, curve adaptation, construction avoidance, large vehicle two-level avoidance, congestion prevention, merging avoidance. Valet parking assistance: parking route Self-learning, one-button direct access, reversing to avoid, giving way to pedestrians, parking along the way, bypassing obstacles, parking in narrow spots, U-turn parking. City navigation assistance: passing traffic lights, accelerating and decelerating, changing lanes, detouring to avoid, and turning left and right at intersections. , Courteous to pedestrians, congestion prevention, two-wheeled vehicle avoidance, construction avoidance, special vehicle identification.	High-speed pilot assistance: acceleration and deceleration lane change, entry and exit ramps, automatic speed control, automatic overtaking, curve adaptation, construction avoidance, large vehicle two-level avoidance, congestion prevention, merging avoidance. Valet parking assistance: parking route Self-learning, one-button direct access, reversing to avoid, giving way to pedestrians, parking along the way, bypassing obstacles, parking in narrow spots, U-turn parking. City navigation assistance: passing traffic lights, accelerating and decelerating, changing lanes, detouring to avoid, and turning left and right at intersections. , Courteous to pedestrians, congestion prevention, two-wheeled vehicle avoidance, construction avoidance, special vehicle identification.
	-	◦ Optional 26,000 yuan	◦ Optional 26,000 yuan
	High-speed pilot assistance: acceleration and deceleration lane change, entry and exit ramps, automatic speed		

Xiaomi Pilot Pro	control, automatic overtaking, curve adaptation, construction avoidance, large vehicle two-level avoidance, congestion prevention, merging avoidance. Valet parking assistance: parking route Self-learning, one-click direct access, reverse to avoid, give way to pedestrians, park along the way, bypass obstacles, park in narrow spaces, and turn around to park.		
	◦ Optional 18,000 yuan	-	-
Featured configuration • Standard configuration ◦ Optional - none			
Renchejia Ecological Space	• Standard configuration	• Standard configuration	• Standard configuration
Ecological expansion space	• Standard configuration	• Standard configuration	• Standard configuration