

Parameter configuration	Nio ET5 22 models 560km Standard Edition 75kWh	Nio ET5 22 models 710km Standard Edition 100kWh
Basic information		
Manufacturer	Wei Lai	Wei Lai
Level	Midsized cars	Midsized cars
Energy type	Pure electric	Pure electric
Time to market	18/12/2021	18/12/2021
CLTC pure electric life[km]	Five hundred sixty	710
Motor[Ps]	Four hundred ninety	Four hundred ninety
Gearbox	1 gear fixed gear ratio	1 gear fixed gear ratio
Length*width*height[mm]	4790*1960*1499	4790*1960*1499
Body structure	5-Door 5-seater hatchback	5-Door 5-seater hatchback
Maximum speed[km/h]	200	200
Official 0-100km/h acceleration [s]	Four	Four
Vehicle warranty	3 years or 12 million km	3 years or 12 million km
The first owner warranty policy	Unlimited mileage for 10 years (liability exemption clause is subject to official)	Unlimited mileage for 10 years (liability exemption clause is subject to official)
Exterior color		
Interior color		
Body		
Length[mm]	4790	4790
Width[mm]	1960	1960
Height[mm]	1499	1499
Wheelbase[mm]	2888	2888
Front track[mm]	1685	1685
Rear track[mm]	1685	1685
Door open mode	Door	Door
Doors number	Five	Five
Number of seats	Five	Five
Approach angle[°]	13	13
Departure angle[°]	14	14
Wind resistance coefficient[Cd]	0.24	0.24
Quality of preparation [kg]	2165	2185
Full load mass [kg]	2690	2690
Traction mass [kg]	One thousand four hundred	One thousand four hundred
Motor[Ps]		

Number of driving motors	Double motor	Double motor
Motor layout	Front + back	Front + back
Type of motor	Before induction asynchronous/after the permanent magnet synchronous	Before induction asynchronous/after the permanent magnet synchronous
Total motor power [kW]		360
		360
Total horsepower of motor	Four hundred ninety	Four hundred ninety
Total torque of motor		700
		700
Maximum power of front motor [kW]		150
		150
Maximum power of rear motor [kW]	Two hundred ten	Two hundred ten
Battery/Supplement to		
Battery type	Ternary lithium+lithium iron phosphate	Ternary lithium battery
Batteries brands	Jiangsu era	Jiangsu era
Battery temperature management	<ul style="list-style-type: none"> • Low temperature heating • Liquid cooling 	<ul style="list-style-type: none"> • Low temperature heating • Liquid cooling
CLTC pure electric life[km]	Five hundred sixty	710
Battery power [kWh]	Seventy five	One hundred
Battery energy density [Wh/kg]	142.1	185.44
Power consumption of 100km [kWh/100km]	15.3	15.1
The vehicle charge port	<ul style="list-style-type: none"> • Fast-charge port 	<ul style="list-style-type: none"> • Fast-charge port
Slow charge port location	-	-
Fast-charge port location	<ul style="list-style-type: none"> • Car rear left side 	<ul style="list-style-type: none"> • Car rear left side
Vehicles for electric	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> •
Home charging pile	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> •
With a car charging gun	-	-
External discharge function	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> •
External discharge power	<ul style="list-style-type: none"> • 3.3 kW 	<ul style="list-style-type: none"> • 3.3 kW
Battery pack warranty	8 years or 12 million km	8 years or 12 million km

The first owner of the battery pack warranty	Unlimited mileage for 10 years (liability exemption clause is subject to official)	Unlimited mileage for 10 years (liability exemption clause is subject to official)
Gearbox		
Gearbox description	The electric car is a single-speed gearbox	The electric car is a single-speed gearbox
Gearbox type	Fixed gear ratio	Fixed gear ratio
Gear number	One	One
Chassis steering		
Drive form	Dual-motor four-wheel drive	Dual-motor four-wheel drive
Four-wheel drive form	The electric four-wheel drive	The electric four-wheel drive
Center differential structure	-	-
Front suspension type	Five-link independent suspension	Five-link independent suspension
Rear suspension type	Five-link independent suspension	Five-link independent suspension
Power type	Electric power	Electric power
Adjustable suspension function	-	-
Adjustable suspension type	-	-
Vehicle body structure	Bearing type	Bearing type
Limited slip differential	-	-
Differential lock	-	-
Wheel brake		
Front brake type	• Ventilated disc	• Ventilated disc
Rear brake type	• Ventilated disc	• Ventilated disc
Parking brake type	Electronic Parking	Electronic Parking
Front tire specifications	• 245/45 R19	• 245/45 R19
Rear tire specifications	• 245/45 R19	• 245/45 R19
Spare wheel	• Only tire repair tools	• Only tire repair tools
The spare wheel is placed	-	-
Active safety		
ABS anti-lock	•	•
Brake force distribution(EBD/CBC, etc.)	•	•
Brake assist(BA/EBA/BAS, etc.)	•	•

Traction control(ASR/TCS/TRC, etc.)	•	•
Body stability control(ESP/DSC/VSC, etc.)	•	•
Belt is not based reminders	• The whole car	• The whole car
Tire pressure monitor	• Tyre pressure display	• Tyre pressure display
The car biological monitoring	-	-
Passive safety		
The main driver airbag	•	•
Passenger airbag	•	•
The first row side airbag	•	•
Second row side airbag	-	-
Side curtain airbags	•	•
Knee airbag	-	-
Front passenger seat cushion airbag	-	-
Rear seat belt airbags	-	-
Rear seat anti-slipped airbag	-	-
The Central airbag	• The first row	• The first row
The second row of the forward airbag	-	-
Child seat interface	•	•
Passive pedestrian protection	-	-
The lack of gas tire	-	-
Assist/control configuration		
Front Parking radar	•	•
Rear Parking radar	•	•
Astern side warning system	•	•
Open the door collision warning	•	•
Driving aid image	• 360-degree panoramic images	• 360-degree panoramic images
Chassis perspective	low	low
Cruise control system	• Full speed adaptive cruise • Exercise • Economy	• Full speed adaptive cruise • Exercise • Economy
Driving mode selection	• Standard/comfortable • Snow	• Standard/comfortable • Snow

Fatigue warning	•	•
self-parking	•	•
Remote control parking	-	-
Remote call	○	○
Engine start-stop	-	-
Automatic parking	•	•
Uphill aid	•	•
A steep descent	-	-
Night vision system	-	-
Variable steering ratio	-	-
Integral active steering system	-	-
Wading sensing system	-	-
Driver assistance features		
And the line auxiliary(BSM/BSD)	•	•
Lane Departure Warning(LDWS)	•	•
Lane-keeping(LKAS)	•	•
Lane centering maintain	•	•
Road traffic signs recognition	•	•
Forward collision warning	•	•
Rear collision warning	-	-
Active Brake	•	•
Auto lane change assist	•	•
The ramp automatically exits/enters	•	•
Reverse tracking	•	•
Auxiliary driving hardware		
Driving assistance level	• L2	• NIO Autonomous Driving. • Nio Autonomous driving
Driver assistance system	• NIO Autonomous Driving. • Nio Autonomous driving	• Four Nvidia Orin-X tablets
Pilot aid chip	• Four Nvidia Orin-X tablets	• 1016 TOPS
Chip computing power	• 1016 TOPS	• Innovusion Figure Datong
Laser radar brand	• Innovusion Figure Datong	• Falcon
Lidar model	• Falcon	• 1
Lidar number	• 1	• 160 wire

Laser radar line number	• 160 wire	• 160线
Millimeter wave radar	• 5	• 5
Ultrasonic radar	• Before 6 a/6 a	• Before 6 a/6 a
Front awareness camera type	• Binocular	• Binocular
Environment awareness camera	• 7	• 7
Environmental sensing camera Pixel(million)	• 800	• 800
Circumferential camera	• 4	• 4
Surround view camera Pixel(million)	• 300	• 300
In-car camera	• 2	• 2
External configuration		
Skylight type	• Do not open the panoramic skylight	• Do not open the panoramic skylight
Light sense screen	-	-
Sports appearance kit	-	-
Electric spoiler	-	-
Rim material	• Aluminum alloy	• Aluminum alloy
Electrical suction door	• The whole car	• The whole car
Automatic opening and closing of the door	-	-
Frameless door	•	•
Side sliding door	-	-
Roof rack	-	-
Key type	• The remote control key	• The remote control key
	• Bluetooth key	• Bluetooth key
	• NFC/RFIDKey	• NFC/RFIDKey
	• UWB digital key	• UWB digital key
Keyless start	•	•
Keyless entry	• The whole car	• The whole car
Hidden electric door handle	•	•
Active closed grille	-	-
Electric tailgate	•	•
Induction tailgate	•	•
The rear door glass to separate open	-	-
Car side foot pedal	-	-
Low-speed driving warning tone	•	•

Sentinel(clairvoyance)mode	•	•
Internal configuration		
Steering wheel material	• Genuine leather	• Genuine leather
Steering wheel adjustment	• Power up and down+front and rear adjustment	• Power up and down+front and rear adjustment
	• Steering wheel memory	• Steering wheel memory
The shift in the form	Electronic gear the shift	Electronic gear the shift
Multifunction steering wheel	•	•
Steering wheel shift	-	-
Steering wheel heater	○	○
Trip computer display	• Color	• Color
Full LCD dashboard	•	•
Dashboard screen size	• 10.2	• 10.2
The meter screen resolution[px]	• 1920 x 532	• 1920 x 532
The meter screen pixel density[PPI]	• 158	• 158
HUD head-up display	-	-
Built-in car DVR	•	•
Mobile phone wireless charging	• The first row	• The first row
ETC device	-	-
Active noise reduction	-	-
Power adjustable pedals	-	-
Single pedal mode	•	•
Seat configuration		
Seat material	• Faux leather ○ Leather	• Faux leather ○ Leather
Sport style seat	•	•
The main driving seat electric adjustment	• With memory electric adjustment	• With memory electric adjustment
Front passenger seat electric adjustment	• With memory electric adjustment • Front and rear adjustment • Backrest adjustment	• With memory electric adjustment • Front and rear adjustment • Backrest adjustment
The main driving seat adjustment mode	• Height adjustment(4-Way)	• Height adjustment(4-Way)

	<ul style="list-style-type: none"> ● Lumbar adjustment(4-Way) 	<ul style="list-style-type: none"> ● Lumbar adjustment(4-Way)
	<ul style="list-style-type: none"> ○ Leg support adjustment 	<ul style="list-style-type: none"> ○ Leg support adjustment
	<ul style="list-style-type: none"> ● Front and rear adjustment 	<ul style="list-style-type: none"> ● Front and rear adjustment
	<ul style="list-style-type: none"> ● Backrest adjustment 	<ul style="list-style-type: none"> ● Backrest adjustment
Front passenger seat adjustment mode	<ul style="list-style-type: none"> ● Height adjustment(4-Way) 	<ul style="list-style-type: none"> ● Height adjustment(4-Way)
	<ul style="list-style-type: none"> ● Lumbar adjustment(4-Way) 	<ul style="list-style-type: none"> ● Lumbar adjustment(4-Way)
	<ul style="list-style-type: none"> ○ Leg support adjustment 	<ul style="list-style-type: none"> ○ Leg support adjustment
	<ul style="list-style-type: none"> ● Heating 	<ul style="list-style-type: none"> ● Heating
The first row of seats features	<ul style="list-style-type: none"> ○ Ventilation 	<ul style="list-style-type: none"> ○ Ventilation
	<ul style="list-style-type: none"> ○ Massage 	<ul style="list-style-type: none"> ○ Massage
Boss Key	-	-
The second row of seats electric adjustment	-	-
The second-row seat adjustment	-	-
The second-row seat feature	<ul style="list-style-type: none"> ○ Heating 	<ul style="list-style-type: none"> ○ Heating
Center armrest	<ul style="list-style-type: none"> ● The first row ● Second row 	<ul style="list-style-type: none"> ● The first row ● Second row
Seat layout	-	-
The rear seats recline way	<ul style="list-style-type: none"> ● Scale down 	<ul style="list-style-type: none"> ● Scale down
Rear seats power recline	-	-
Rear Cup holder	<ul style="list-style-type: none"> ● Second row 	<ul style="list-style-type: none"> ● Second row
Heating/cooling Cup holder	-	-
Rear folding Board	-	-
Car Machine/Internet		
Control color screen	<ul style="list-style-type: none"> ● Touch OLED screen 	<ul style="list-style-type: none"> ● Touch OLED screen
In the control screen size	<ul style="list-style-type: none"> ● 12.8 	<ul style="list-style-type: none"> ● 12.8
In the control screen material	<ul style="list-style-type: none"> ● OLED 	<ul style="list-style-type: none"> ● OLED
In the control screen resolution[px]	<ul style="list-style-type: none"> ● 1728 × 1888 	<ul style="list-style-type: none"> ● 1728 × 1888
Pixel density of center control screen	<ul style="list-style-type: none"> ● 200 	<ul style="list-style-type: none"> ● 200
The Deputy driving the screen	-	-
Car system	Banyan tree	Banyan tree

	Qualcomm Snapdragon 8155	Qualcomm Snapdragon 8155
Engine chip	Qualcomm Snapdragon 8155	Qualcomm Snapdragon 8155
Engine system memory (GB)	• 16	• 16
Engine system storage (GB)	• 256	• 256
Car network	• 5G	• 5G
OTA upgrade	• Complete vehicle OTA	• Complete vehicle OTA
Car WiFi function	• WiFi connection • WiFi hotspot	• WiFi connection • WiFi hotspot
Car navigation maps	•	•
High-precision map	•	•
V2X communication	•	•
Roadside assistance call	•	•
Bluetooth car phone	•	•
Mobile Internet/mapping	-	-
Voice assistant Wake-up word	• Hi, NOMI	• Hi, NOMI
Speech partition Wake-up	• The first row • Second row	• The first row • Second row
Voice-free Wake-up	•	•
Voice continuous recognition	•	•
Speech recognition control function	• Multimedia system • Navigation • Telephone • Air conditioning	• Multimedia system • Navigation • Telephone • Air conditioning
Gesture control	-	-
Facial recognition	-	-
Remote control function	• Air conditioning control • Charging management • The condition of the car a query/diagnostic • Vehicle positioning/paging car	• Air conditioning control • Charging management • The condition of the car a query/diagnostic • Vehicle positioning/paging car
Entertainment		
In-vehicle apps market	•	•
Car CD/DVD	-	-
Multimedia/charging interface	• USB • Type-C	• USB • Type-C
USB/Type-C ports quantity	• Front 2/Rear 1	• Front 2/Rear 1

In-car entertainment features	<ul style="list-style-type: none"> • K song 	<ul style="list-style-type: none"> • K song
Analog DIN	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> •
Rear control multimedia	-	-
Cockpit 220V/230V power supply	-	-
Luggage compartment power supply interface	<ul style="list-style-type: none"> • 12V 	<ul style="list-style-type: none"> • 12V
Audio brand	-	-
Speaker number	<ul style="list-style-type: none"> • 23 	<ul style="list-style-type: none"> • 23
Audio audition	<ul style="list-style-type: none"> • 23 	<ul style="list-style-type: none"> • 23
Light function		
Low beam light source	<ul style="list-style-type: none"> • LED 	<ul style="list-style-type: none"> • LED
High-beam light source	<ul style="list-style-type: none"> • LED 	<ul style="list-style-type: none"> • LED
Lighting features	-	-
LED daytime running lights	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> •
	<ul style="list-style-type: none"> • Height adjustment 	<ul style="list-style-type: none"> • Height adjustment
	<ul style="list-style-type: none"> • Automatic opening and closing 	<ul style="list-style-type: none"> • Automatic opening and closing
Headlight function	<ul style="list-style-type: none"> • Adaptive distance light 	<ul style="list-style-type: none"> • Adaptive distance light
	<ul style="list-style-type: none"> • Delay off 	<ul style="list-style-type: none"> • Delay off
Steering assist lamp	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> •
Front fog lights	<ul style="list-style-type: none"> • LED 	<ul style="list-style-type: none"> • LED
Headlight washer system	-	-
Car inside atmosphere lamp	<ul style="list-style-type: none"> • 256 colors 	<ul style="list-style-type: none"> • 256 colors
Glass/mirrors		
The first row power Windows	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> •
Second-row power Windows	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> •
The window is a button lift	<ul style="list-style-type: none"> • The whole car 	<ul style="list-style-type: none"> • The whole car
Window anti-pinch hand function	<ul style="list-style-type: none"> • The whole car 	<ul style="list-style-type: none"> • The whole car
Multi-layer insulation glass	-	-
	<ul style="list-style-type: none"> • Electric adjustment 	<ul style="list-style-type: none"> • Electric adjustment
	<ul style="list-style-type: none"> • Rearview mirror heating 	<ul style="list-style-type: none"> • Rearview mirror heating
	<ul style="list-style-type: none"> • Electric folding 	<ul style="list-style-type: none"> • Electric folding
Outside mirror functions	<ul style="list-style-type: none"> • Mirror memory 	<ul style="list-style-type: none"> • Mirror memory

Vehicle interior features

	<ul style="list-style-type: none">• Reversing Auto Flip	<ul style="list-style-type: none">• Reversing Auto Flip
	<ul style="list-style-type: none">• Lock the car automatically folded	<ul style="list-style-type: none">• Lock the car automatically folded
	<ul style="list-style-type: none">• Automatic anti-dazzle	<ul style="list-style-type: none">• Automatic anti-dazzle
Interior features	<ul style="list-style-type: none">• Automatic anti-dazzle	<ul style="list-style-type: none">• Automatic anti-dazzle
Rear side privacy glass	-	-
Rear side sunshade	-	-
The rear windshield sunshade	-	-
Car interiorization makeup mirror	<ul style="list-style-type: none">• The main driving+lamp• Copilot+lighting	<ul style="list-style-type: none">• The main driving+lamp• Copilot+lighting
Sensing wipers function	<ul style="list-style-type: none">• Rain sensing type	<ul style="list-style-type: none">• Rain sensing type
Rear wiper	-	-
Heated spray nozzle	-	-
Air conditioning/refrigeration		
The first evacuation tone	<ul style="list-style-type: none">• Dual temperature zone automatic air conditioning	<ul style="list-style-type: none">• Dual temperature zone automatic air conditioning
The second evacuation tone	<ul style="list-style-type: none">• Outlet	<ul style="list-style-type: none">• Outlet
Third evacuation tone	-	-
Heat pump air conditioning	<ul style="list-style-type: none">•	<ul style="list-style-type: none">•
Air quality monitoring	-	-
PM2.5 filter device in car	<ul style="list-style-type: none">•	<ul style="list-style-type: none">•
Car air purifier	<ul style="list-style-type: none">•	<ul style="list-style-type: none">•
Anion generator	○	○
Fragrance system	○	○
Car refrigerator	-	-