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XPENG P7i configuration table

	Xpeng P7 2023 P7i 610 Max Performance Edition	Xpeng P7 2023 P7i 610 Pengyi Performance Edition
Basic parameters		
Manufacturer	Xpeng Motors	Xpeng Motors
level	mid-size car	mid-size car
Energy type	pure electric	pure electric
time to market	2023.03	2023.03
NEDC pure electric cruising range (km)	-	-
CLTC pure electric cruising range (km)	610	610
Fast charging time (hours)	0.48	0.48
Slow charging time (hours)	-	-
Fast charging percentage	10-80	10-80
Maximum power(kW)	348	348
Maximum torque (N · m)	757	757
Motor(Ps)	473	473
Length*width*height (mm)	4888*1896*1450	4888*1896*1450
Body structure	4-door, 5-seat sedan	4-door, 5-seat sedan
Maximum speed (km/h)	200	200
Official 0-100km/h acceleration (s)	3.9	3.9
Electric energy equivalent fuel consumption (L/100km)	1.76	1.76
Vehicle warranty	Five years or 120,000 kilometers	Five years or 120,000 kilometers
First owner warranty policy	-	-

Body		
Length(mm)	4888	4888
Width(mm)	1896	1896
Height(mm)	1450	1450
Wheelbase(mm)	2998	2998
Front wheelbase (mm)	1615	1615
Rear wheelbase (mm)	1621	1621
Approach angle (°)	14	14
Departure angle (°)	15	15
Body structure	Sedan	Sedan
Car door opening method	swing door	Scissor door + swing door
Number of doors (number)	4	4
Number of seats (seats)	5	5
Trunk volume (L)	-	-
Drag coefficient (Cd)	-	-
Curb weight (kg)	2140	2140
Maximum full load mass (kg)	2515	2515
electric motor		
Motor type	Front induction/asynchronous rear permanent magnet/synchronous	Front induction/asynchronous rear permanent magnet/synchronous
Total motor power (kW)	348	348
Total motor power (Ps)	473	473
Total torque of motor (N · m)	757	757
Maximum power of front electric motor (kW)	145	145
Maximum torque of front electric motor (N · m)	317	317
Maximum power of rear electric motor (kW)	203	203

Maximum torque of rear electric motor (N · m)	440	440
Number of drive motors	Dual motor	Dual motor
Motor layout	Front + rear	Front + rear
Battery Type	Ternary lithium battery	Ternary lithium battery
Battery brand	China New Airlines	China New Airlines
Battery cooling method	liquid cooling	liquid cooling
NEDC pure electric cruising range (km)	-	-
CLTC pure electric cruising range (km)	610	610
Battery energy (kWh)	86.2	86.2
Battery energy density (Wh/kg)	160	160
Electricity consumption per 100 kilometers (kWh/100km)	15.6	15.6
Battery pack warranty	Eight years or 160,000 kilometers	Eight years or 160,000 kilometers
Fast charging function	support	support
Fast charging power (kW)	175	175
Fast charging time (hours)	0.48	0.48
Slow charging time (hours)	-	-
Fast charging capacity(%)	10-80	10-80
electric motor	348	348
gearbox		
Number of gears	1	1
Gearbox type	fixed ratio gearbox	fixed ratio gearbox
abbreviation	Electric vehicle single speed gearbox	Electric vehicle single speed gearbox
chassis steering		
Drive mode	Dual motor four-wheel drive	Dual motor four-wheel drive

four-wheel drive	Electric four-wheel drive	Electric four-wheel drive
Center differential structure	-	-
Front suspension type	Double wishbone independent suspension	Double wishbone independent suspension
rear suspension type	Multi-link independent suspension	Multi-link independent suspension
Assist type	electric assist	electric assist
Body structure	Load-bearing	Load-bearing
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	245/45R19	245/45R19
Rear tire specifications	245/45R19	245/45R19
Spare tire specifications	Tire repair tool	Tire repair tool
passive safety		
Main/passenger seat airbag	Main ● Deputy ●	Main ● Deputy ●
Front/rear side airbags	before ● after -	before ● after -
Front/rear head airbags (curtain airbags)	before ● after ●	before ● after ●
Tire pressure monitoring function	● Tire pressure display	● Tire pressure display
Run-flat tires	-	-
Seat belt not fastened reminder	● The whole car	● The whole car
ISOFIX child seat interface	●	●
ABS anti-lock	●	●
Braking force distribution (EBD/CBC, etc.)	●	●
Brake assist (EBA/BAS/BA, etc.)	●	●

Traction control (ASR/TCS/TRC, etc.)	●	●
Body stability control (ESC/ESP/DSC, etc.)	●	●
active safety		
Lane Departure Warning System	●	●
Active braking/active safety system	●	●
Fatigue driving tips	●	●
DOW opening warning	●	●
forward collision warning	●	●
rear collision warning	●	●
Sentry mode/clairvoyance	●	●
Low speed warning	●	●
Built-in driving recorder	●	●
Driving control		
Driving mode switch	● Sport ● Standard/Comfortable	● Sport ● Standard/Comfortable
Single pedal mode	●	●
energy recovery system	●	●
automatic parking	●	●
Hill assist	●	●
steep descent	●	●
Variable suspension function	-	● Suspension soft and hard adjustment
driving hardware		
Front/rear parking radar	before ● after ●	before ● after ●
Driving assistance images	● 360-degree panoramic image ● Vehicle side blind spot image	● 360-degree panoramic image ● Vehicle side blind spot image
Transparent chassis/540 degree image	●	●

Assisted driving chip	●Dual NVIDIA Orin-X	●Dual NVIDIA Orin-X
Chip total computing power	●508 TOPS	●508 TOPS
Number of cameras	●12 pieces	●12 pieces
Ultrasonic radar quantity	●12 pieces	●12 pieces
Millimeter wave radar quantity	●5 pieces	●5 pieces
LiDAR quantity	●2 pieces	●2 pieces
driving function		
cruise system	●Full-speed adaptive cruise	●Full-speed adaptive cruise
Assisted driving system	●XPILOT ●XNGP	●XPILOT ●XNGP
Assisted driving level	●L2	●L2
Reverse side warning system	●	●
satellite navigation system	●	●
Navigation traffic information display	●	●
map brand	●Gaode	●Gaode
HD map	●	●
Parallel assistance	●	●
Lane Keeping Assist System	●	●
Lane centering	●	●
Road traffic sign recognition	●	●
Automatic parking	●	●
remote control parking	●	●
memory parking	●	●
Automatic lane change assist	●	●
Automatic ramp exit (entry)	●	●
Traffic light identification	●	●
remote summoning	●	●

Autonomous driving assistance road section	●Urban sections ●High-speed sections	●Urban sections ●High-speed sections
Appearance/anti-theft		
Rim material	●Aluminum alloy	●Aluminum alloy
Electric suction door	●The whole car	●The whole car
Automatic opening and closing of car doors	-	●
Frameless design door	●	●
Electric trunk	●	●
induction trunk	●	●
Central locking in car	●	●
Key type	● Remote key ●Bluetooth key	● Remote key ●Bluetooth key
Keyless start system	●	●
Keyless entry function	●The whole car	●The whole car
Hidden electric door handle	●	●
Active closing air intake grille	●	●
Remote start function	●	●
Battery preheating	●	●
external discharge	●	●
exterior lights		
low beam light source	●LED	●LED
high beam light source	●LED	●LED
LED daytime running lights	●	●
Adaptive high and low beam	●	●
automatic headlight	●	●
Turn assist light	●	●
car front fog lights	-	-
Headlight height adjustable	●	●

Delayed turn off of headlights	●	●
skylight/glass		
Skylight type	● Segmented non-openable skylight	● Segmented non-openable skylight
Front/rear electric windows	before ● after ●	before ● after ●
One-touch window lifting function	● The whole car	● The whole car
Window anti-pinch function	●	●
Rear side privacy glass	●	●
Car vanity mirror	● Main driver + lighting ● Co-pilot + lighting	● Main driver + lighting ● Co-pilot + lighting
rear wiper	-	-
Sensing wiper function	● Rain sensor type	● Rain sensor type
exterior rearview mirror		
Exterior rearview mirror function	● Electric adjustment ● Electric folding ● Rearview mirror memory ● Heated rearview mirrors ● Automatically flip down when reversing ● Automatically fold when the car is locked	● Electric adjustment ● Electric folding ● Rearview mirror memory ● Heated rearview mirrors ● Automatically flip down when reversing ● Automatically fold when the car is locked
screen/system		
Central control color screen	● Touch LCD screen	● Touch LCD screen
Central control screen size	● 14.96 inches	● 14.96 inches
Screen Resolution	-	-
Bluetooth/car phone	●	●
Mobile phone interconnection/map ping	●	●
Voice recognition control system	● Multimedia system ● Navigation ● Telephone ● Air conditioning	● Multimedia system ● Navigation ● Telephone ● Air conditioning
face recognition	●	●

Vehicle intelligent system	●Xmart OS	●Xmart OS
Vehicle smart chip	●Qualcomm Snapdragon 8155	●Qualcomm Snapdragon 8155
Vehicle system memory (GB)	-	-
Vehicle system storage (GB)	-	-
Voice wake word free	●	●
Voice area wake-up recognition	●Four areas	●Four areas
Speech continuous recognition	●	●
It can be said that it is visible	●	●
Intelligent configuration		
Internet of Vehicles	●	●
4G/5G network	●5G	●5G
OTA upgrade	●	●
Wi-Fi hotspot	●	●
Mobile APP remote function	●Door control ●Window control ●Vehicle start ●Charging management ●Light control ●Air conditioning control ●Vehicle condition inquiry/diagnosis ●Vehicle positioning/car search	●Door control ●Window control ●Vehicle start ●Charging management ●Light control ●Air conditioning control ●Vehicle condition inquiry/diagnosis ●Vehicle positioning/car search
Car KTV	●	●
Steering wheel/interior rearview mirror		
Steering wheel material	●Genuine leather	●Genuine leather
Steering wheel position adjustment	●Manual up and down + front and rear adjustment	●Manual up and down + front and rear adjustment
Shift pattern	●Electronic gear shifting	●Electronic gear shifting
Multifunction steering wheel	●	●
steering wheel gear shift	-	-
Steering wheel heating	●	●
steering wheel memory	-	-

Trip computer display screen	●Color	●Color
Full LCD instrument panel	●	●
LCD instrument size	●10.25 inches	●10.25 inches
Interior rearview mirror function	●Automatic anti-dazzle	●Automatic anti-dazzle
ETC device	-	-
Charging in car		
Multimedia/charging interface	●USB ●Type-C	●USB ●Type-C
Number of USB/Type-C interfaces	●3 people in the front row/2 people in the back row	●3 people in the front row/2 people in the back row
Mobile phone wireless charging function	●Front row	●Front row
Mobile phone wireless charging power	●15W	●15W
Seat configuration		
seat material	●Genuine leather	●Genuine leather
Main seat adjustment method	●Front and back adjustment ●Backrest adjustment ●Height adjustment (4-way) ●Waist support (4-way)	●Front and back adjustment ●Backrest adjustment ●Height adjustment (4-way) ●Waist support (4-way)
Secondary seat adjustment method	●Front and back adjustment ●Backrest adjustment ●Height adjustment (2-way)	●Front and back adjustment ●Backrest adjustment ●Height adjustment (2-way)
Main/passenger seat electric adjustment	Main ●Deputy●	Main●Deputy●
Front seat functions	●Heating ●Ventilation	●Heating ●Ventilation
Power seat memory function	●Driver's seat ●Co-pilot's seat	●Driver's seat ●Co-pilot's seat
Adjustable buttons for the passenger seat and rear row	-	-
Second row seat adjustment	-	-
Second row seat functions	●Heating	●Heating

Rear seats fold down	● Inverted proportions	● Inverted proportions
Front/rear center armrest	before ● after ●	before ● after ●
Rear cup holder	●	●
Audio/interior lighting		
Speaker brand name	○ Dynaudio Dynaudio	● Dynaudio Dynaudio
Number of speakers	● 20 speakers	● 20 speakers
Dolby Atmos	●	●
touch reading light	●	●
Car interior ambient lighting	● Multicolor	● Multicolor
Air conditioner/refrigerator		
Air conditioning temperature control method	● Automatic air conditioning	● Automatic air conditioning
heat pump air conditioner	●	●
Independent air conditioning in the rear	-	-
Rear seat air outlet	●	●
Temperature zone control	●	●
Car air purifier	●	●
In-car PM2.5 filter device	●	●
negative ion generator	-	-
Car fragrance device	●	●
Optional package		
Exterior color	Moonlight is silver, dark night is black, sky is gray, nebula is white	Crescent silver, dark night black, sky gray, interstellar green, nebula white
interior color	Cool black, elegant rice	Black/Qiyu gray, cool black, gravity red
Note: ● Standard ○ Optional - None		