

Niro



Movement that inspires



The ability to make the complex simple.

Being ahead means being simple.
Being smart means being intuitive.
Being mature means being considerate.
The ability to make driving simple,
intuitive and considerate – That is Niro.

SMART SUV, NIRO



DESIGN

A SUV that is smart and legitimate.

Niro's unique and distinctive look is created by the combination of a dynamic and rugged design that is fundamental to the appeal of an SUV and streamlined simplicity with an edgy style.



- 1 LED headlamps & LED turn signals
- 2 LED rear combination lamps
- 3 High-tech radiator grille



INTERIOR

The simpler it is
the more apparent it becomes.

Niro's interior is the epitome of convenience, with an intuitive layout of key functions, such as the 10.25" UVO navigation and the practical and modern seamless high-gloss center fascia, for easy access.

Leather upholstery uses a combination of genuine and man-made leather. / Specifications may vary according to the engine, trim and options that are selected. HEV model.

Premium sound by KRELL
KRELL

10.25" UVO navigation

Diverse connectivity options, such as Android Auto and Apple CarPlay, give access to key smartphone functions through the AVN. In addition, UVO's advanced, connected car services, such as remote control, safety, and security services, can be voice-operated through Kakao i, Kakao's integrated AI platform's server-based voice recognition service, and information about music being played can be accessed through SoundHound's music server. (complimentary 5-year subscription to UVO with initial enrollment after purchasing the vehicle)

* Navigation map updates are guaranteed for 8 years from initial purchase. The company reserves the right to suspend services thereafter.
* May not support connectivity of certain mobile devices.



Niro's true value shines through its driver-optimized center fascia and roomy, refined interior worthy of a SUV.



- 1 6-color mood lamps
- 2 Supervision cluster (7" color TFT LCD)
- 3 Integrated Memory System (IMS)
- 4 Wireless phone charging system



- 5 Rear console vent, AC inverter (220V) and USB charging port
- 6 Driver power seat with electric lumbar support
- 7 Front heated & ventilated seats*
- 8 Seat variations



1,434ℓ Generous Luggage capacity
Maximum luggage space



EFFICIENCY

Freedom to go anywhere without any worries.

Whether commuting to work or going on a long-distance trip, Niro's exceptional fuel efficiency gives you peace of mind. Go for a ride in Niro and discover smart driving.

19.5 km/l

Combined fuel efficiency, 16" tires
City 20.1 km/l, Highway 18.7 km/l

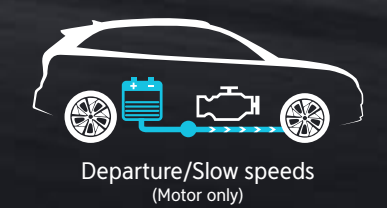
Cost-effective, fuel-saving solution

ECO-DAS (Driver Assistance System)*

Supports fuel-efficient driving by using the navigation system equipped with a high-definition map.

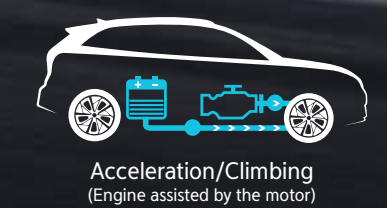


Hybrid driving system*



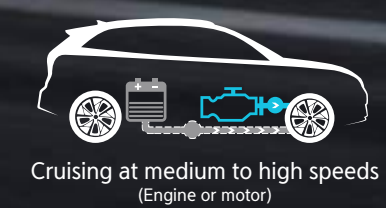
Departure/Slow speeds
(Motor only)

Powered exclusively by the electric motor. No fuel consumption or engine noise.



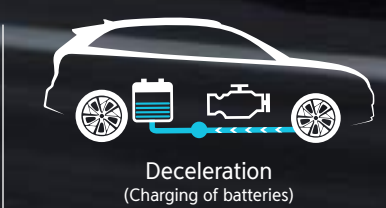
Acceleration/Climbing
(Engine assisted by the motor)

Engine and motor run at the same time for extra power while accelerating and climbing.



Cruising at medium to high speeds
(Engine or motor)

Powered by the engine or motor. Battery recharges when power falls below optimal levels.



Deceleration
(Charging of batteries)

Engine stops while decelerating. Regenerative braking system captures energy generated while braking and recharges the battery.



Stopping

Engine and motor come to a full stop. Cutting off fuel consumption and emissions.

DRIVING & SAFETY TECHNOLOGY

Performance that is as remarkable as it is powerful.

Kappa 1.6 GDI engine, 6-speed DCT and aerodynamic design help maximize performance and deliver the ultimate SUV driving experience.

HEV-specific Kappa 1.6 GDI engine

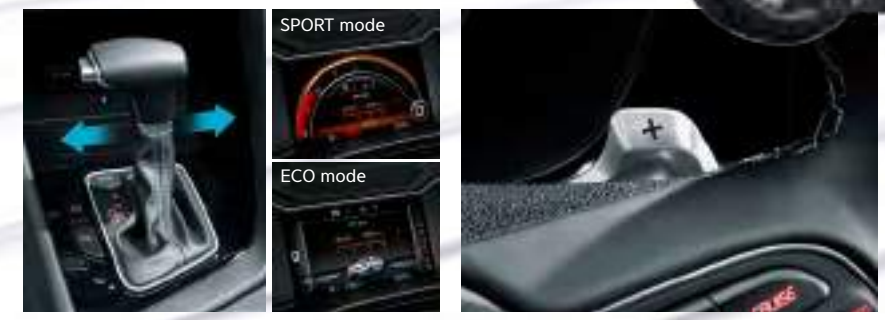
Max. output (ps)		Max. torque (kgf · m)	
105 ^{Engine}	43.5 ^{Motor 32 kW equivalent}	15 ^{Engine}	17.3 ^{Motor 170 Nm equivalent}

Aerodynamic engineering and design*

Niro is equipped with an active air flap, aero wheels and a rear spoiler to improve aerodynamic efficiency. An active control system and design improve airflow for outstanding aerodynamic performance.

1 Multi-link rear suspension

The battery pack is located at the rear to lower the center of gravity and enhance driving safety, while a multi-link rear suspension ensures a smooth ride as well as agile and stable driving on any road.



Drive Mode Select*

Paddle shifters (including regenerative braking)



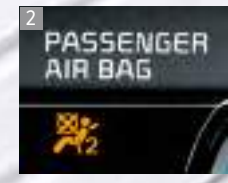
Horizon blue (BBL) Specifications may vary according to the engine, trim and options that are selected, HEV model. / * A virtual image has been used to help viewers' understanding

Safety that is reliable and solid.

Niro tackles safety from its roots by ensuring outstanding rigidity and solidity of structure and soundness of design with the use of ultra high-strength steel panels on 53% of the body and the installation of an advanced airbag system.

7-airbag system 2 Front seat advanced airbags*

7 airbags, including a driver's airbag, knee airbag, front airbag, 2-side airbags and curtain airbags, reinforce safety. Advanced airbags regulate the pressure of airbag deployment according to the force of collision and presence of a passenger to ensure safety.



3 Seat belt warning for all seats

A warning light or chime alerts the driver when an occupant fails to fasten his or her seat belt. (Driver's warning: on the cluster. Other occupants' warning: center fascia.)



Tire Pressure Monitoring System (TPMS)



Seat belt pretensioners*

DRIVE WISE

Cutting-edge safety system that is as reliable as it is smart.

A cutting-edge, smart safety system makes driving safer and more enjoyable by analyzing and responding to diverse road conditions and situations.

DRIVE WISE Hassle Free, Delightful Driving Peace of mind for a more enjoyable and pleasant drive

Kia's brand name for ADAS technology. ADAS proactively analyzes driving conditions and assists drivers as needed to provide the ultimate safety to drivers, passengers, pedestrians, and drivers of other vehicles alike.
* ADAS : Advanced Driver Assistance System

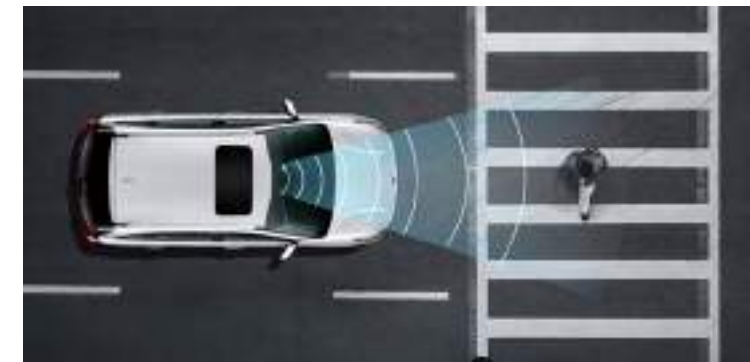


Snow white pearl (SWP) / Horizon blue (BBL)



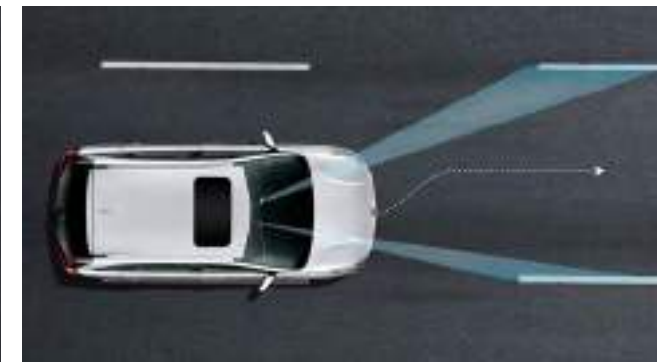
Forward Collision-Avoidance Assist (FCA, Car/Pedestrian)*

Helps minimize damage and injuries to the car, pedestrians and driver by alerting the driver and applying the brakes automatically if necessary when danger of colliding with a car or pedestrian is detected.
* Smart Cruise Control option includes bicycle rider detection capabilities.



Lane Keeping Assist (LKA)*

Keeps the driver from drifting out of the lane by automatically steering the vehicle back into place if it detects a lane change without the use of a turn signal.



Blind-Spot Collision Warning (BCW)*

Preventive safety system detects and alerts the driver about vehicles in rear lateral blind spots or fast-approaching vehicles in the back to facilitate lane changes and prevent collisions.



Lane Following Assist (LFA)*

Creates a more convenient and safe driving environment by helping the driver maintain the car in the center of the lane, reducing driver fatigue.



Highway Driving Assist (HDA)*

Automatically keeps the lane and controls speed to maintain a safe distance from the car in front and obey speed limits while driving on a highway.



Driver Attention Warning (DAW)*

Encourages the driver to take a short break by emitting visual and audible warnings when it detects a pattern of driver fatigue and inattentiveness.



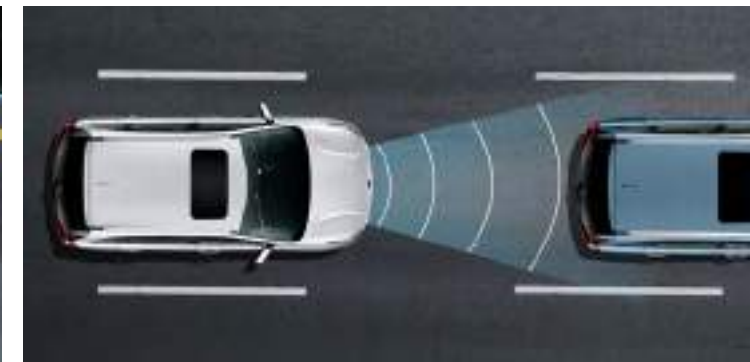
High Beam Assist (HBA)*

Facilitates night-time driving by tracking the brightness of surrounding lights and vehicular headlamps and switching automatically from high beams to low beams.



Smart Cruise Control (SCC, Stop & Go included)*

Alerts the driver and applies the brakes automatically, if necessary, when danger of colliding with a car or pedestrian is detected to minimize driver injury and vehicular damage.



PLUG-IN



The brilliant synergy between electric vehicles and hybrids.

Niro Plug-in Hybrid combines the advantages of an electric and a hybrid vehicle. It can be used as an electric car when travelling short distances and as a hybrid car when travelling long distances.

HEV mode			
Max. output		Max. torque	
105	60.5	15	17.3
ps/5,700 rpm	ps (44.5 kW)	kgf · m	kgf · m (170 Nm)
Kappa 1.6 GDI Engine	Electric motor	Kappa 1.6 GDI Engine	Electric motor
EV mode (Travel distance per charge)			
40	A 40 km commute or city drive in EV mode is possible with a full charge.	8.9	44.5
km		kWh	kWh
Travel distance per charge		Li-ion polymer battery	Electric motor



Smart ITself
UVO

UVO makes life more safe and comfortable with advanced technologies that protect the driver and vehicle under all circumstances. UVO offers SOS emergency dispatch, automatic airbag deployment notification, and theft alarm services anytime, anywhere. Discover the priceless value of safe and comfortable driving.

Remote control

Cool or heat the interior of the car remotely in advance using a smart phone.

Safety and security

Emergency assistance through the UVO center in the event of an airbag deployment or roadside emergency (24/7, 365 days).

Maintenance

One-stop service ranging from automatic diagnosis of break-downs to scheduling of maintenance appointments.

Navigation

Optimal route guidance using real-time traffic information.

* Complimentary 5-year subscription to UVO with initial enrollment after purchasing the vehicle: remote control, safety and security, maintenance and navigation. * Inquiries: UVO's Kakao Talk service center (type "UVO" in the Kakao Talk search window and befriend).

HEV Equipment



Projection headlamps
Supervision cluster (4.2" color TFT LCD)
Bulb rear combination lamps
8" display audio
LED fog lamps
Electric Parking Brake (EPB)
Sunroof
Independently controlled full auto air conditioning system
Front parking assist system*
Electronic Chromic Mirror (ECM) & Electronic Toll Collection System (ETCS)
Engine start/stop button smart key system
Heated steering wheel*

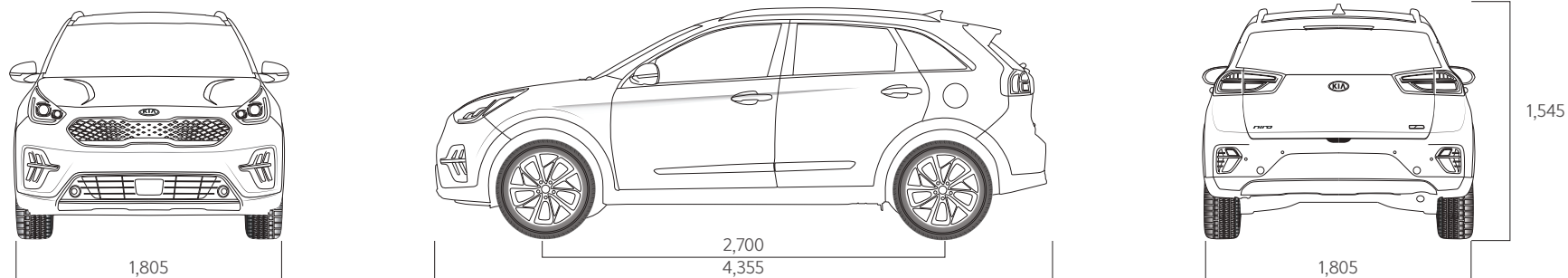
Interior Color



Black one-tone interior (Genuine and man-made leather seats)
Plum two-tone interior (HEV only, leather seats)
Orange point interior (HEV only, man-made leather seats)

Dimensions

Units: mm
Based on HEV model



Leather upholstery uses a combination of genuine and man-made leather. / Specifications may vary according to the engine, trim and options that are selected. HEV model. / * A virtual image has been used to help viewers' understanding

PHEV Equipment



10.25" UVO navigation
220V portable charging cable
Supervision cluster (7" color TFT LCD)
Slow charging cable

Exterior Color



Snow white pearl (SWP)
Steel gray (KLG)
Horizon blue (BBL)
Platinum graphite (ABT)
Gravity blue (B4U)
Aurora black pearl (ABP)

Wheels



HEV only 18" alloy wheel
HEV only 16" aero wheel
HEV / PHEV 16" alloy wheel

Specifications

Classification	NIRO		Classification	NIRO		
	NIRO	NIRO plug-in		NIRO	NIRO plug-in	
Overall length (mm)	4,355		Kappa 1.6 GDI Engine	Displacement (cc)	1,580	
Overall width (mm)	1,805			Max. output (ps/rpm)	105 / 5,700	
Overall height (mm)	1,545			Max. torque (kgf · m/rpm)	15 / 4,000	
Wheelbase (mm)	2,700			Suspension (front/rear)	MacPherson strut / Multi-link	
Overhang-front (mm)	870			Brake (front/rear)	Disc / Disc	
Overhang-rear (mm)	785		Electric motor	Max. output (ps)	43.5 (32kW)	60.5 (44.5kW)
Wheel tread-front (mm)	1,565/1,555	1,565		Max. torque (kgf · m)	17.3 (170 Nm)	17.3 (170 Nm)
Wheel tread-rear (mm)	1,579/1,569	1,579	Li-ion polymer battery	Energy (kWh)	1.56	8.9

* Overall height: includes the roof rack. Wheel tread: NIRO 16"/18" tires, NIRO Plug-in 16" tires.

Model	Displacement (cc)	Unladen vehicle weight (kg)	Transmission	Class	Combined CO ₂ emissions (g/km)	City fuel economy (km/l)			Highway fuel economy (km/l)			Combined fuel economy (km/l)
						Gasoline			Electricity			
Model	Displacement (cc)	Unladen vehicle weight (kg)	Transmission	Combined CO ₂ emissions (g/km)	City fuel economy (km/l)	City fuel economy (km/l)	Combined fuel economy (km/l)	City fuel economy (km/l)	City fuel economy (km/l)	Combined fuel economy (km/kWh)	Travel distance per charge (km)	
Niro 1.6 GDI HEV 16" tire	1,580	1,425	6-speed DCT	1	79	20.1			18.7			19.5
Niro 1.6 GDI HEV 18" tire	1,580	1,465	6-speed DCT	1	92	17.7			16.4			17.1
Niro 1.6 GDI plug-in 16" tire	1,580	1,550	6-speed DCT	26	19.2	17.8	18.6	5.5	4.7	5.1	40	

* Fuel economy figures are for standard mode. Actual figures may vary according to driving habits, vehicle load and maintenance, road conditions and outside temperature.



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- Colors depicted in photographs may differ from the actual colors due to printing limitations.
- Navigation functions and information displayed may differ according to the time of the navigation system update.
- Drive efficiently: 1.Do not accelerate or stop abruptly. 2.Use only genuine parts to optimize product performance and extend life expectancy.
- Caution: Please read the car manual before initial use for safe driving.
- Please recycle this booklet and protect the environment.
- Customer center: 080-200-2000

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2021

the publication date



Movement that inspires



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