

# Niro

Model Year 2021



Movement that inspires

# All-New Niro MY21 - Mechanical & Feature List

Engines	1.6L HEV		1.6L PHEV	64 kWh Electric
Engine type	1.6 Kappa GDI <sup>1</sup> DOHC <sup>2</sup> D-CVVT <sup>3</sup> + Electric Motor		1.6 Kappa GDI <sup>1</sup> DOHC <sup>2</sup> D-CVVT <sup>3</sup> + Electric Motor	Electric Motor
Capacity (cc)	1,580		1,580	-
Max Power (kW @ rpm)	77.2 @ 5,700		77.2 @ 5,700	-
Max. torque (Nm @ rpm)	147 @ 4,000		147 @ 4,000	-
Bore x stroke (mm)	72.0 x 97.0		72.0 x 97.0	-
Compression ratio	13 : 1		13 : 1	-
Model Variants	S, Sport			
Electric Motor				
Motor Type	Permanent Magnet Synchronous Motor			
Hybrid Type	Parallel (Transmission Mounted)		Parallel (Transmission Mounted)	-
Max. power (kW @ rpm)	32kW		44.5kW	150kW
Max. torque (Nm @ rpm)	170Nm		170Nm	395Nm
Maximim Speed EV Mode only (kph)	120kph		120kph	167kph
Combined System Output				
Max. combined power (kW @ rpm)	104 @ 5,700		104 @ 5,700	150 @ 3,800 - 8,000
Max. combined torque (Nm @ rpm)	265 @ 4,000		265 @ 4,000	395 @ 0 - 3,600
Battery				
Battery Type	Li-ion polymer			
Voltage (V)	240		360	356
Capacity (Ah)	6.5		24.7	180
Energy (kWh)	1.56		8.9	64
Battery Weight (Kg)	38.5		117	457
Battery Position	Under rear seat		Under rear seat+ Under boot floor	Under floor
Battery Charging <sup>4</sup>				
On Board Charger (OBC) - kW	-		AC single-phase charging up to 3.3kW	AC single-phase charging up to 7.2kW
AC Charge - with 2.3kW ICCB (In Cable Control Box) supplied with vehicle <sup>4</sup>	-		-	29h
AC Charge - with a 3.3kW EVSE Charger <sup>4</sup>	-		2h 15m	-
AC Charge - with a 7.2kW EVSE Charger <sup>4</sup>	-		-	9h 35m
DC Fast Charge 0-80% (50kW Charger) <sup>4</sup>	-		-	1hr 15m
DC Fast Charge 0-80% (100kW Charger) <sup>4</sup>	-		-	54m
Transmission				
6 Speed Dual Clutch Transmission (DCT)	•		•	-
Single Speed Transmission (reduction gear)	-		-	•
2WD (Front Wheel Drive)	•		•	•
Dimensions				
Overall length (mm)	4,355		4,355	4,375
Overall width (mm) Includes Door Handles	1,805		1,805	1,805
Overall height with roofrails (mm)	1,545		1,545	1,570
Wheelbase (mm)	2,700		2,700	2,700
Minimum ground clearance (mm)	160		160	155
Luggage space (rear seats down) (L, VDA)	1,408		1,322	1,405
Luggage space (rear seats up) (L, VDA)	410		324	451
Fuel and Energy Consumption				
	1.6L HEV		1.6L PHEV	64 kWh Electric
	S	Sport	S Sport	S Sport
Pure Electric Range (km)	-		58 (NEDC 81/02) <sup>5</sup>	455 (WLTP) <sup>6</sup>
Engergy Consumption (Wh/km)	-		98 (NEDC 81/02) <sup>5</sup>	159 (WLTP) <sup>6</sup>
Fuel consumption (L/100km) - Combined <sup>5</sup>	3.8	4.4	1.3	-
Fuel consumption (L/100km) - Urban <sup>5</sup>	3.8	4.4	-	-
Fuel consumption (L/100km) - Extra-urban <sup>5</sup>	3.9	4.5	-	-
CO <sub>2</sub> emission (g/km) - Combined	88	101	29	-
CO <sub>2</sub> emission (g/km) - Urban	87	87	-	-
CO <sub>2</sub> emission (g/km) - Extra-urban	89	89	-	-
Hood insulator	•			
Fuel type recommended <sup>7</sup>	Regular unleaded <sup>7</sup>		Regular unleaded <sup>7</sup>	-
Fuel tank capacity (L)	45		43	-



Weight	1.6L HEV		1.6L PHEV		64 kWh Electric
Kerb Weight (Kg)	1,444		1,564		1,791
Tare mass (kg)	1,418		1,539		1,791
Gross vehicle mass (kg)	1,930		2,000		2,230
Towing Capacity <sup>8</sup>					
Towing capacity unbraked (kg)	600		600		300
Towing capacity braked (kg)	1,300		1,300		300
Max. towball download (kg)	100		100		100
Steering, Brakes & Suspension					
Power steering system	Column MDPS <sup>9</sup> (Electric power steering)				
DMS <sup>10</sup> system	• 2 Modes (Eco, Sport)		• 2 Modes (Eco, Sport)		• 4 Modes (Eco, Eco+, Normal, Sport)
Tilt & telescopic adjustable steering column	•				
Minimum turning circle (m)	10.6		10.6		10.6
Front brakes	280 mm ventilated disc		280 mm ventilated disc		305mm ventilated disc
Rear brakes	284 mm solid disc		284 mm solid disc		300mm solid disc
Electronic parking brake with Auto Hold	•				
Front suspension	McPherson strut				
Rear suspension	Multi-link				
Eco Features					
ICCB (In Cable Control Box) supplied with vehicle	-		•		•
Charging Indicator on Dashboard	-		•		•
AC Charge Port Type	-		Type 2 (62196-2)		Type 2 (62196-2)
DC Charge Port Type	-		-		CCS Combo 2
Regenerative Braking Control	•	•3 Levels	•	•3 Levels	•3 Levels with Smart Recouperation
Utility Mode	-		-		•
Charge Management (Scheduled Charging)	-		•		•
Virtual Engine Sound System (VESS)	•		• With Off Switch		• With Off Switch
Auxiliary Saver Battery +	•		•		•
Wheels & Tyres					
Wheel size / type	16" Alloy	18" Alloy	16" Alloy		17" Alloy
Tyre type	Michelin ENERGY SAVER+	Michelin PILOT SPORT 4	Michelin ENERGY SAVER+		Michelin PRIMACY 3
Tyre size	205/ 60 R16	225/ 45 R18	205/60 R16		215/55 R17
TPMS (Tyre Pressure Monitoring System)	•		•		•
Temporary Mobility Kit	-		•		•
Spare wheel type	Temporary Spare (Steel)		-		-
Safety <sup>11</sup>					
Active Safety <sup>11</sup>					
ABS (Anti-lock Braking System) with EBD <sup>12</sup> & BA <sup>13</sup>	•		•		•
ESC (Electronic Stability Control) with TCS <sup>14</sup>	•		•		•
HAC (Hill-start Assist Control)	•		•		•
VSM (Vehicle Stability Management)	•		•		•
AEB (Autonomous Emergency Brake) with FCWS (Forward Collision Warning System) - Car, Pedestrian, Cyclist	•		•		•
BSD (Blind Spot Dection) with Rear Cross Traffic Alert (RCTA)	Sport Only		Sport Only		Sport Only
LKA (Lane Keeping Assist)	•		•		•
LFA (Lane Following Assist)	•		•		•
DAA (Driver Attention Alert)	-		-		•
DAA+ (Driver Attention Alert) with lead vehicle departure alert	•		•		-
Manual Speed Limit Assist	•		•		•
Dusk-sensing automatic headlights	•		•		•
Halogen Headlights	S Only		S Only		S Only
LED headlights (Projection Type)	Sport Only		Sport Only		Sport Only
Halogen Projection front fog lights	•		•		•
LED Daytime Running Lights	•		•		•
LED rear combination lights (Brake / Position)	•		•		•
Rear Spoiler with High-mounted rear stop light	•		•		•
LED Rear fog light	•		•		•

Safety <sup>11</sup>	1.6L HEV	1.6L PHEV	64 kWh Electric
<b>Active Safety<sup>11</sup></b>			
High Beam Assist (HBA)	Sport Only	Sport Only	Sport Only
Rain Sensing Wipers	•	•	•
Reverse parking sensors with dash display	•	•	•
Rear view camera with in-audio screen display & dynamic parking guidelines	•	•	•
Rear view mirror (day & night)	S Only	S Only	-
Electro Chromatic rear view mirror (Auto-dimming)	Sport Only	Sport Only	•
Door open warning on driver display	•	•	•
Speed sensing auto door lock	•	•	•
3-point ELR seatbelts on all positions	•	•	•
Seatbelt warning chime & light on all positions	•	•	•
Child restraint anchorage points (3x top tether / 2 x ISOFIX)	•	•	•
Child-proof rear door locks	•	•	•
Rear Occupant Alert	•	•	•
<b>Passive Safety</b>			
Driver & front passenger SRS airbags	•	•	•
Front side SRS airbags	•	•	•
Driver's knee SRS airbag	•	•	•
Curtain SRS airbags (1st & 2nd Rows)	•	•	•
Front seatbelt pre-tensioners with load limiters	•	•	•
Side door impact beams (front & rear)	•	•	•
Impact sensing auto door unlocking	•	•	•
<b>Security</b>			
Burglar alarm	•	•	•
Anti-theft immobiliser	•	•	•
Remote central locking with keyless entry & tailgate release	•	•	•
Folding key (x2)	•	S Only	-
Smart key (x2) with push button start	-	Sport Only	•
Headlight escort function	•	•	•
Remote fuel lid release	•	•	-
Impact sensing auto door unlocking	•	•	•
<b>Seating</b>			
Seat capacity	5	5	5
8-way driver's seat incl. height adjust with 2-way lumbar support	•	•	•
6-way front passenger seat incl. height adjust (pumping device)	•	•	•
Height adjustable headrests (all seats)	•	•	•
Height adjustable front seatbelts	•	•	•
Split fold 2nd row seats (60:40)	•	•	•
2nd row centre armrest (folding)	•	•	•
<b>Exterior Features</b>			
Gloss black 'tiger nose' grille with chrome trim	•	•	-
Front fender integrated charging port (Passenger side)	-	•	-
Body coloured 'tiger nose' grille with integrated charging port	-	-	•
Silver painted skid plates (front & rear)	•	•	-
'Electric Blue' lower bumper highlights (front & rear)	-	-	•
Chrome coated outside door handles	•	•	•
Body coloured outside mirrors with integrated side indicators	•	•	•
Electric outside mirrors (Adjust / Heated / Folding)	•	•	•
Black Lower Door Garnish	•	-	•
Chrome Lower Door Garnish	-	•	-
Roof rails (silver)	•	•	•
Shark fin antenna	•	•	•
Windscreen with sunband (Solar Glass with Acoustic Film)	•	•	•
Solar glass (side windows & tailgate)	•	•	•
Aero-blade type front wipers	•	•	•
Front wiper & washer (low/high and 5-speed intermittent)	•	•	•
Rear wiper & washer (2-speed)	•	•	•

Interior Features	1.6L HEV	1.6L PHEV	64 kWh Electric
ASCC (Advanced Smart Cruise Control) with steering wheel mounted controls	•	•	•
Leather appointed steering wheel <sup>15</sup>	•	•	•
Leather appointed Shift Knob (H-Matic) <sup>15</sup>	•	•	–
Shift-By-Wire shift knob (Dial Type)	–	–	•
Paddle Shifters (regenerative braking control or gear shift)	Sport Only	Sport Only	• Regenerative braking only
4.2" colour TFT Supervision instrument cluster	•	•	–
7" colour TFT LCD Supervision instrument cluster	–	–	•
User selectable options (Auto door lock/unlock, headlight escort, etc.)	•	•	•
Ambient temperature display (within cluster)	•	•	•
Digital clock (within audio)	•	•	•
Power windows with auto up/down & safety function (Driver Only)	S Only	S Only	S Only
Power windows with auto up/down & safety function (Front)	Sport Only	Sport Only	Sport Only
Driver's foot rest	•	•	•
Aluminium sports pedals	Sport Only	Sport Only	Sport Only
Gloss black dash fascia with metal look trim	•	•	•
Interior Mood Lighting	–	Sport Only	–
Interior lights (front & rear)	•	•	•
Cargo area light	•	•	•
Rear window defroster with timer	•	•	•
Low washer fluid warning	•	•	•
12 volt power outlet (in front tray)	•	•	•
Driver & Front passenger sunvisor with illuminated vanity mirror	•	•	•
Storage			
4 x cup holders (2 x front, 2x rear centre armrest)	•	•	•
4 x bottle holders (front & rear doors)	•	•	•
Map pockets in front doors	•	•	•
Sunglass holder	•	•	•
Centre console storage box with armrest	•	•	•
Centre console storage with sliding lid	–	–	•
Front seat back pocket (passenger)	•	•	•
Coat hook (2nd row side)	•	•	•
Cargo cover (retractable)	•	•	•
Luggage net hooks (cargo area)	•	•	•
Luggage under-floor compartment	–	•	–
Audio			
DAB Digital Radio with AM/FM tuner <sup>21</sup>	•	•	•
6 speaker sound system (4 speakers, 2 tweeters)	•	•	S Only
8 speaker JBL premium sound system (4 speakers, 2 tweeters, centre speaker with subwoofer in boot)	–	–	Sport Only
Satellite navigation multimedia system with 10 years traffic information and map update	Sport Only	Sport Only	Sport Only
8" colour LCD touch screen	S Only	S Only	S Only
10.25" colour LCD touch screen	Sport Only	Sport Only	Sport Only
Sounds of Nature	Sport Only	Sport Only	–
1x USB Input with multimedia connectivity (front tray)	•	•	•
2x USB chargers (front tray & Inside centre console)	•	•	•
Bluetooth® Multi-Connection Functionality (phone/media stream) <sup>16</sup>	•	•	•
Steering wheel mounted audio/Bluetooth® controls	•	•	•
SDVC (Speed Dependent Volume Control)	•	•	•
Wired Apple CarPlay™ <sup>17</sup> with voice recognition	Sport Only	Sport Only	Sport Only
Wired Android Auto™ <sup>18</sup> with voice recognition	•	•	•
Wireless <sup>19</sup> Apple CarPlay™ <sup>17</sup> with voice recognition	S Only	S Only	S Only
Wireless <sup>20</sup> Android Auto™ <sup>18</sup> with voice recognition	S Only	S Only	S Only

Ventilation	1.6L HEV	1.6L PHEV	64 kWh Electric
Single zone climate control air conditioning	–	–	•
Dual-zone climate control air-conditioning	•	•	–
Air Filter	•	•	•
Windscren Auto defog	•	•	•
2nd row vents (behind centre console)	•	•	•
<b>Colours</b>			
<b>Exterior Colours</b>			
Clear White (UD)	•	•	•
Snow White Pearl (SWP) <sup>22</sup>	•	•	•
Aurora Black Pearl (ABP) <sup>22</sup>	•	•	•
Silky Silver (4SS) <sup>22</sup>	•	•	•
Runway Red (CR5) <sup>22</sup>	•	•	•
Platinum Graphite (ABT) <sup>22</sup>	•	•	–
Sunset Orange (DRG) <sup>22</sup>	•	•	–
Deep Cerulean Blue (C3U) <sup>22</sup>	•	•	–
Yacht Blue (DU3) <sup>22</sup>	–	–	•
<b>Interior Colours</b>			
Black one tone (partial cloth and leather <sup>15</sup> )	S Only	S Only	S Only
Black one tone (premium trim)	Sport Only	Sport Only	Sport Only

• Standard – Not available

For full terms and conditions, visit [www.kia.com/au](http://www.kia.com/au) Kia Australia ABN 97 110 483 353 Locked Bag 2207, North Ryde BC NSW 1670. Specifications apply to 2021 Model Year Niro. Kia Australia reserves the right to discontinue or change the models, features, specifications, options, designs and prices of products referred to in this sheet without incurring any liability whatsoever to any purchaser or prospective purchaser of any such products. Some of the items herein are optional at additional cost. Consult your Kia dealer for the latest information on models, specifications, features, prices, options and availability. <sup>1</sup> GDI - Gasoline Direct Injection. <sup>2</sup> DOHC - Dual Overhead Cam. <sup>3</sup> D-CVVT - Dual Continuous Variable Valve Timing. <sup>4</sup> Charging times are based on KMC testing and actual charge times will be dependent on charging conditions, including home charging type and condition, battery temperature as well as ambient temperature. Before using this product at home, consult with a licensed electrician to ensure your home electrical system can support the use. <sup>5</sup> Fuel consumption figures are based on ADR81/02 test results (same as NEDC defined by UNECE R101/01). They are useful in comparing the fuel consumption of different vehicles. They may not be the fuel consumption achieved in practice. This will depend on traffic and road conditions and how the vehicle is driven. Real life driving results will vary depending on a combination of driving style, type of journey, vehicle configuration, battery age and condition, use of vehicle features (such as heating and air conditioning), as well as operating, environmental and climate conditions. <sup>6</sup> Figure based on WLTP (Worldwide Harmonised Light-Duty Vehicles Test Procedure) static laboratory combined average city and highway cycle test, which measure, energy consumption, range and emissions in passenger vehicles, designed to provide figures closer to real-world driving behaviour. Real life driving results will vary depending on a combination of driving style, type of journey, vehicle configuration, battery age and condition, use of vehicle features (such as heating and air conditioning), as well as operating, environmental and climate conditions. <sup>7</sup> E10 Compatible. <sup>8</sup> Subject to State regulations and towbar design. <sup>9</sup> MDPS - Motor Driven Power Steering. <sup>10</sup> DMS - Drive Mode Select. <sup>11</sup> Safety technologies are supplemental systems and do not replace the need for the driver to exercise care and attention. <sup>12</sup> EBD - Electronic Brake Distribution. <sup>13</sup> BA - Brake Assist. <sup>14</sup> TCS - Traction Control System. <sup>15</sup> Leather appointed may comprise of genuine leather, polyurethane and other man-made materials or a combination thereof. JBL® is a trademark of Harman International Industries, Incorporated. <sup>16</sup> Not all mobile phones will be compatible with the vehicle's Bluetooth® system. Bluetooth® is a registered trademark of Bluetooth SIG. <sup>17</sup> Apple CarPlay™ connectivity requires compatible iOS device. See [apple.com/au](http://apple.com/au) for more details. Apple CarPlay™ is a registered trademark of Apple Inc. <sup>18</sup> Android Auto™ connectivity requires compatible Android device. See [android.com/intl/en\\_au/](http://android.com/intl/en_au/) for more details. Android Auto™ is a registered trademark of Google Inc. <sup>19</sup> Wireless Apple CarPlay™ function requires compatible smartphone and does not support wired connectivity. <sup>20</sup> Wireless Android Auto™ function requires compatible smartphone and also supports wired connectivity. <sup>21</sup> FM frequencies 87.5MHz~108.0MHz and AM frequencies 531KHz~1602KHz. <sup>22</sup> Premium paint at additional cost.