

i20 N.

Specifications.



MY25 Hyundai i20 N	
Engine	SmartStream G1.6 T-GDi
Configuration	Transverse front mounted driving front wheels
Cylinder capacity	1.6 litres (1,598 cc)
Number of cylinders	4 in-line
Valve system	16 Valve, Double Overhead Cam (DOHC), Continuously Variable Valve Duration (CVVD)
Intake system	Turbocharger
Maximum power	150 kW @ 5,500 - 6,000 RPM
Maximum torque	275 Nm @ 1,750 - 4,500 RPM Overboost: 304 Nm @ 2,000 - 4,000 RPM
Fuel system	T-GDi (Turbo Gasoline Direct Injection)
Fuel type	91 RON (ULP), E10 compatible
Emissions standard	Euro 6
Bore x stroke	75.6 mm x 89.0 mm
Compression ratio	10:1
Transmission	SmartStream G1.6 T-GDi
Manual	6 speed manual
Gear ratio	Manual
1st	3.308
2nd	1.962
3rd	1.387
4th	1.079
5th	0.884
6th	0.756
Reverse	3.583
Final	3.941
Engine/transmission availability	SmartStream G1.6 T-GDi
	Manual

N

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Differential	SmartStream G1.6 T-GDi
Front	Mechanical Limited Slip Differential (m-LSD)
Steering	SmartStream G1.6 T-GDi
Type	Column mounted Motor Driven Power Steering (MDPS), rack & pinion, with 3 modes (Normal, Sport, Sport+)
Minimum turning circle diameter between kerbs / walls	10.54
Number of steering wheel turns lock to lock	2.16
Suspension	SmartStream G1.6 T-GDi
Front	MacPherson strut
Rear	Coupled Torsion Beam Axle
Brakes	SmartStream G1.6 T-GDi
System	Dual-diagonal, split circuit, power assisted with Electronic Brakeforce Distribution (EBD) and Brake Assist System (BAS)
Front brake type	Ventilated Disc
Front disc dimensions	320 mm x 28 mm
Rear brake type	Solid Disc
Rear disc dimensions	262 mm x 10 mm
Weight	SmartStream G1.6 T-GDi
	Manual
Kerb weight - lightest	1210 kg
Kerb weight - heaviest	1235 kg
Gross Vehicle Mass (GVM)	1665 kg
Fuel consumption*	SmartStream G1.6 T-GDi
	Manual
Combined (L/100km)	6.9
Urban (L/100km)	8.9
Extra Urban (L/100km)	5.7
CO2 - combined (g/km)	157
Fuel tank volume	40L
*Source: Australian Design Rule 81/02 static laboratory combined average city and highway cycle test. Real world fuel consumption will vary depending on a combination of driving habits, the condition of the vehicle, and other factors such as road, traffic and weather conditions. ADR 81/02 test results are meant for comparison purposes only.	
Dimensions	N
Exterior	
Length	4,075 mm
Width	1,775 mm
Height	1,440 mm
Wheelbase	2,580 mm
Wheel track - front / rear	1,544 mm / 1,542 mm
Minimum ground clearance (based on kerb weight)	101 mm
Interior	
Head room front / rear	985 mm / 960 mm
Leg room front / rear	1,072 mm / 882 mm
Shoulder room front / rear	1,395 mm / 1,390 mm
Cargo area - VDA (minimum / maximum)	310 L / 1,123 L
Wheels & tyres	N
Wheel type	Alloy
Wheel dimensions	18 x 7.5J + 53
Tyre dimensions	215/40R18 XL 89Y
Tyre brand	Pirelli P-Zero HN
Spare wheel type	Temporary space saver

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Driving convenience	N
Cruise control	•
One touch turn signal - 3, 5, or 7 flashes	•
Rain sensing wipers	•
Rear wiper - 2-stage, with auto wipe on reverse	•
Smart key with push button start	•
Steering wheel mounted controls - audio, phone, voice control, lane safety, cruise control, & trip computer	•
Tilt & telescopic steering column	•
Driving engagement	N
Active variable exhaust system - 3 modes (Normal, Sport, Sport+)	•
Automatic rev matching - 3 modes (Normal, Sport, Sport+)	•
Electronic sound generator	•
Idle Stop & Go (ISG)	•
Launch control	•
N Grin Control System - 6 drive mode settings (Eco, Normal, Sport, N, Custom 1, Custom 2)	•
N Performance Driving Data System in multimedia display - with lap / acceleration timer, g-force meter, power / engine temperature / turbocharger boost / brake pressure / throttle gauges	•
N Road Sense - Curve sign recognition	•
Active safety	N
Electronic Stability Control (ESC) including;	
Anti-lock Braking System (ABS)	•
Brake Assist System (BAS)	•
Electronic Brakeforce Distribution (EBD)	•
Hill-start Assist Control (HAC)	•
Multi-Collision Braking (MCB)	•
Traction Control System (TCS)	•
Vehicle Stability Management (VSM)	•
Hyundai SmartSense™ including;	
Blind-Spot Collision Warning (BCW)	•
Driver Attention Warning (DAW)	•
Forward Collision-Avoidance Assist (FCA) - camera type, including:	
- Car/Pedestrian detection	•
- City/Urban operational speeds	
High Beam Assist (HBA)	•
Lane Following Assist (LFA)	•
Lane Keeping Assist - Line/Road-edge (LKA-L/R)	•
Rear Cross-Traffic Collision Warning (RCCW)	•
Rear Occupant Alert (ROA)	•
Other features	
Emergency Stop Signal (ESS)	•
Parking Distance Warning - Front/Reverse (PDW-F/R) - 8 sensors, with guidance display	•
Rear View Monitor with Parking Guidance (RVM w/ PG)	•
Intelligent Speed Limit Assist (ISLA) - Speed sign reading function with warning and MSLA guide	•
Manual Speed Limit Assist (MSLA)	•
Tyre Pressure Monitoring System (TPMS) - individual tyre pressure readout	•

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Passive safety	N
Airbags	
Front airbags - driver & front passenger	•
Side (thorax) airbags - driver & front passenger	•
Side curtain airbags - 1st & 2nd rows	•
Doors	
Impact sensing auto door unlock	•
Rear door child safety locks	•
Seatbelts	
Pretensioners, load limiters & height adjustable upper mounts on front seat belts	•
Seat belt reminder - front & rear seatbelts	•
Seating	
Fixed front head restraints	•
Height adjustable rear head restraints	•
ISOFIX child restraint anchors (rear outboard seats)	•
Top tether child restraint anchors (rear) - 3 anchors	•
Security	N
Security system	
Active lock/unlock operation (user configurable)	•
Anti-theft alarm	•
Central locking	•
Engine immobiliser	•
Remotes	
Smart key remote with N logo - 2x	•
Bluelink® connected car service	N
Vehicle functions	
Automatic Collision Notification (ACN)	•
Emergency Call (SOS) function	•
Connected Routing - server based navigation	•
Valet Mode function - restricted infotainment control	•
Voice Control - server based & natural voice recognition, including; vehicle controls, information, command & control	•
Calendar integration (Google, iCloud)	•
Weather forecast information	•
Remote functions	
Alert Services - set geo-fencing, valet, speed and time-fencing alert	•
Remote door lock/unlock	•
Remote exterior lights and light/ horn	•
Remote services	
Navigation - destination send to car, find my car, my trips	•
Vehicle status & notifications - remote functions successful/ unsuccessful, locking status	•
Multimedia system	N
Front centre console storage cubby - power outlet - 1 x 12V outlets	•
Front centre console storage cubby - USB power outlet	•
Front centre console - wireless charging pad (Qi standard) ¹	•
Grip handles - 1x (passenger)	•
N sports front bucket seats	•

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Rear seats	
Grip handles - 2x	•
Rear centre console power outlet - 1 x USB power outlet	•
Windows/shades	
Power windows - front & rear	•
One touch window up & down function with anti-pinching safety feature - drivers window	•
Rear privacy glass	•
Vision & sight	N
Interior mirror	
Electro-chromatic Mirror (ECM) - auto-dimming	•
Exterior mirrors	
Heated	•
Power adjustable	•
Power folding with auto fold function	•
Instrument cluster/driving displays	
N Supervision cluster -10.25" TFT colour LCD with trip computer, oil temperature / torque / turbo boost gauges, g-force meter, lap timer, shift lights, & digital speedometer	•
Ventilation & heating	N
Air conditioning	
Climate control - single zone with auto defog function	•
Cabin air filter	•
Other features	N
Heated rear windshield	•
Exterior styling	N
Front	
N front bumper with gloss black insert grille	•
N front lip spoiler with painted insert	•
Side	
Gloss black side mirrors	•
N black side sills with painted insert	•
Rear	
Chrome exhaust tip	•
N rear bumper	•
N rear diffuser with triangular rear fog light	•
N rear spoiler in gloss black	•
Interior styling	N
Treatments	
Black headlining	•
Coloured stitching & inserts - Performance Blue (air vents, seats, steering wheel, door pull, gear knob, and gearshift boot)	•
Gunmetal painted inserts (air vents, door handles, steering wheel, & ventilation controls)	•
Materials	
Sports pedals - alloy	•
Design	
N sports gear knob	•
N sports steering wheel	•

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Lighting	N
Exterior lighting - front	
Daytime Running Lights (DRL) - LED	•
Fog lights - bulb	•
Headlight functions - automatic dusk sensing with escort and welcome	•
Headlight type - LED (low/high beam)	•
Indicator lights - LED	•
Positioning lights - LED	•
Static bending lights - LED	•
Exterior lighting - rear	
Fog light - LED	•
High mount stop light (HMSL)	•
Rear combination lights - LED (bulb indicator and reverse lights)	•
Exterior lighting - others	
Side repeaters - LED, integrated into side mirrors	•
Interior lighting - front	
Ambient lighting in footwells, front door trims and centre console	•
Front room light	•
Glovebox compartment light	•
Vanity mirror lights	•
Interior lighting - rear	
Centre room light	•
Interior lighting - others	
Cargo area light	•
Interior light fade-out delay	•
Storage solutions	N
Front seats	
Cup holders - centre console	•
Front passenger seat back pocket	•
Glovebox compartment	•
Ticket holders - sunvisors (driver and front passenger)	•
Rear seats	
Coat hooks - 1x	•
Rear seating split folding - 60:40	•
Boot/luggage area	
Bag hooks - 1x	•
Cargo cover	•
Luggage compartment - 4x mounting points	•
Luggage floor - 2x mounting heights (for flat folding rear seats)	•
Luggage net	•
Rear parcel shelf storage slot (behind rear seat)	•
Others	
Doors - map pockets and bottle bulges (front and rear)	•
Option packages	N
Two tone roof ²	o

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Notes:
1. Wireless charging requires a Qi-enabled smartphone or adapter in order to operate.
2. Two tone roof not available with Phantom Black.
- Finishes specified as leather may contain elements of genuine leather, polyurethane leather (leather substitute) or man-made materials, or a combination thereof.
- Apple CarPlay requires iPhone 5 or subsequent model (lightning cable) in order to operate.
- Android Auto requires a device with Android 5.0 operating system or subsequent version in order to operate.