

Hyundai

SONATA N Line

Specifications.



Engine	Smartstream G2.5 T-GDi
Engine family	G4KIII
Configuration	Transverse front mounted driving front wheels
Cylinder capacity	2.5 litres (2,497 cc)
Number of cylinders	4 in-line
Valve system	16 Valve (HLA), Double Overhead Cam (DOHC), Dual Continuously Variable Valve Timing (D-CVVT)
Intake system	Variable Intake System (VIS)
Maximum power	213 kW @ 5,800 RPM
Maximum torque	422 Nm @ 1,650 - 4,000 RPM
Fuel system	T-GDi (Turbo Gasoline Direct Injection)
Fuel type	91 RON (ULP), E10 compatible
Emissions standard	Euro 5
Bore x stroke	88.5 mm x 101.5 mm
Compression ratio	10.5 : 1
Transmission	Smartstream G2.5 T-GDi
Transmission family	D8LF1
Dual Clutch Transmission (DCT)	SmartStream 8DCT (Wet-DCT)
Gear ratio	DCT
1st	3.643
2nd	2.304
3rd	2.217
4th	1.621
5th	0.884
6th	0.702
7th	0.791
8th	0.660
Reverse	3.697
Final	4.077 (1,2,5,6,R) 2.944 (3,4,7,8)
Steering	SmartStream G2.0 MPii
Type	Column mounted Motor Driven Power Steering (C-MDPS)
Minimum turning circle diameter between kerbs / walls	11.0 m
Number of steering wheel turns lock to lock	2.6
Suspension	Smartstream G2.5 T-GDi
Front	MacPherson strut
Rear	Multi-link
Brakes	Smartstream G2.5 T-GDi
System	Dual-diagonal, split circuit, power assisted with Electronic Brakeforce Distribution (EBD)
Front brake type	Ventilated disc
Front disc dimensions	345mm x 30mm
Rear brake type	Solid disc
Rear disc dimensions	325 x 12 mm
Weight	Smartstream G2.5 T-GDi
	DCT
Kerb weight	1,675 kg
Gross Vehicle Mass (GVM)	2,110 kg
Fuel consumption*	Smartstream G2.5 T-GDi
	DCT
Combined (L/100km)	8.1
Urban (L/100km)	12.0
Extra Urban (L/100km)	5.8
CO ₂ - combined (g/km)	189
Fuel tank volume	60L

*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 Line
Exterior	
Length	4910 mm
Width	1860 mm
Height	1445 mm
Wheelbase	2840 mm
Wheel track - front / rear	1610 mm / 1617 mm
Minimum ground clearance (based on kerb weight)	135 mm
Interior	
Head room front / rear	975 mm / 950 mm
Hip room front / rear	1386 mm / 1382 mm
Leg room front / rear	1170 mm / 885 mm
Shoulder room front / rear	1470 mm / 1425 mm
Cargo area - VDA	480 L
Wheels & tyres	N Line
Wheel type	Alloy
Wheel dimensions	19 x 8.0J +55
Tyre dimensions	245/40 R19 98Y
Tyre brand	Continental PremiumContact 6
Spare wheel type	Temporary space saver
Spare wheel dimensions	18 x 4.0J +30
Spare tyre dimensions	T135/80 R18 104M
Active safety	N Line
Electronic Stability Control (ESC) including;	
Anti-lock Braking System (ABS)	•
Brake Assist System (BAS)	•
Electronic Brakeforce Distribution (EBD)	•
Hill-start Assist Control (HAC)	•
Traction Control System (TCS)	•
Vehicle Stability Management (VSM)	•
Hyundai SmartSense™ including;	
Blind-Spot Collision-Avoidance Assist (BCA)	•
Blind-Spot View Monitor (BVM)	•
Driver Attention Warning (DAW), including;	•
-Leading Vehicle Departure Alert	•
Forward Collision-Avoidance Assist (FCA 1.5) including:	•
-Car / Powered two-wheeler / Pedestrian / Cyclist detection	
-Direct Oncoming function (FCA - DO)	•
-Junction Turning function (FCA - JT)	
High Beam Assist (HBA)	•
Intelligent Speed Limit Assist (ISLA)	•
Lane Following Assist (LFA)	•
Lane Keeping Assist - Line/Road-edge (LKA-L/R)	•
Parking Collision-Avoidance Assist - Reverse (PCA-R)	•
Rear Cross-Traffic Collision-Avoidance Assist (RCCA)	•
Rear Occupant Alert (ROA) - logic type	•
Safe Exit Assist (SEA)	•
Smart Cruise Control with Stop & Go (SCC w/ S&G)	•
Other features	
Emergency Stop Signal (ESS)	•
Manual Speed Limit assist (MSLA)	•
Parking Distance Warning - Forward/Side/Reverse (PDW-F/S/R) - 6 sensors front/side & rear/ side with cluster guidance display	•
Surround View Monitor (SVM) camera including;	
-3D Surround View function	
-Front view, rear view, front/rear side view	
-Top down view w/car wash entering mode	•
-Front/Rear wide view function - w/image view on command	
-Parking Distance Warning - Forward/Side/Reverse (PDW-F/S/R) w/ dynamic guidelines & contour guidance	
Steering wheel with Haptic feedback - SmartSense™ functions	•
Tyre Pressure Monitoring System (TPMS) - individual tyre pressure readout	•
Passive safety	N Line
Airbags	
Front airbags - driver & front passenger	•
Side (thorax & pelvis) airbags - driver & front passenger	•
Side curtain airbags	•
Doors	
Impact sensing auto door unlock	•
Electronic child safety lock system - rear doors & windows	•
Seatbelts	
Emergency Locking Retractors (ELR) - all seating positions	•
Pre-tensioners - all seating positions	
Height adjustable upper mounts - front	

Seat belt reminder - all seating positions	•
Seating	
Height adjustable head restraints - all seating positions	•
ISOFIX child restraint anchors - 2x (rear outboard seats)	•
Top tether child restraint anchors - 3x (rear seats)	•
Security	N Line
Security system	
Active lock/unlock operation (user configurable)	•
Anti-theft alarm	•
Central locking	•
Engine immobiliser	•
Remotes	
Smart Key remote - 2x including;	•
- Emergency key blade - 2x	•
Bluelink® connected car service	N Line
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/time alerts and notification limits	•
Remote door lock/unlock, window open/close, window ventilation	•
Remote exterior lights, hazard warning lights, horn	•
Remote engine start	•
Remote climate control - including; windscreen defog, heated seat/steering wheel & ventilated seat operation	•
Remote Surround View Monitor (SVM) - live current SVM feed, view stored video list	•
Remote services	
Navigation - destination send to car, find my car, my trips	•
Vehicle status & notifications - remote functions successful/unsuccessful, locking status, climate control status	•
Software updates	
Over The Air (OTA) software update capability	•
Multimedia system	N line
Audio/media sources	
AM radio	•
FM / Digital radio (DAB+)	•
Apple CarPlay™ ¹ & Android Auto® ² compatibility	•
Bluetooth® audio streaming	•
Sounds of Nature - 10 pre-set sounds	•
USB C-type multimedia input - inc. music - 1x (centre console)	•
Functions	
Bluetooth® Multi-Connection; 1 x phone/audio & 1 x audio	•
Bluetooth® Message Access Profile (MAP) - SMS playback capability; audio & visual	•
Capacitive touch screen - 12.3" curved HD display, blue light filter; including:	•
Split screen function	•
Quiet Mode function - Audio volume limited to '25' in front and muted in rear	•
Radio Data System (RDS)	•
Satellite Navigation	•
Live traffic updates (Bluelink®)	•
Voice memo function - up to 70 minutes recording time	•
Speakers	
Bose™ premium audio system - 12 speakers with external amplifier	•
Driving convenience	N line
Auto Hold function	•
Electronic Parking Brake (EPB)	•
Integrated Memory System (IMS), includes:	•
2 driver's seat positions (excluding lumbar) & exterior mirror positions	•
Easy Access function - driver's seat	•
One touch turn signal - 3, 5, or 7 flashes	•
Rain sensing windscreen wipers	•
Reverse parking aid function - exterior mirrors	•
Smart Key system with push button start	•
Tilt & telescopic steering column	•
Personalised User Profile selection - 3 custom profiles; Driver 1, Driver 2 & Guest	•
Driving engagement	N line
Drive Mode - 4 settings (Eco, Normal, Sport, My Drive)	•
Launch control	•

Rev matching	•
N Power Shift (NPS)	•
Active Sound Design - 4 settings (Off, Minimised, Normal, Enhanced)	•
Paddle shifters - steering wheel mounted	•
Shift By Wire (SBW), electronic gear shift control; steering column mounted	•
Occupant comfort & convenience	N line
Upholstery/trim	
Nappa Leather ³ appointed/Suede seats	•
Leather ³ appointed steering wheel	•
Front seats	
Driver's seat - power adjustable - 12 -way (including lumbar support/bolster adjustments)	•
Passenger's seat - power adjustable - 4 -way	•
12V power outlet - 1x (centre console)	•
USB C-type power outlets - 1x (centre console)	•
Wireless charging pad (Qi standard) ⁴ - 1x (centre console)	•
Grip handles - 1x (passenger)	•
Rear seats	
Centre fold down armrest	•
Grip handles - 2x	•
USB C-type power outlets - 2x (rear centre console)	•
Windows/shades	
Acoustic laminated windshield/front door glass	•
Solar control glass	•
Panoramic glass sunroof - dual panel with tilt and slide front panel and power sunblind	•
One touch window up & down function with anti-pinching safety feature - front/rear	•
Convenience remote window opening/closing function with Smart Key - front/rear	
Rear door window sunshades - manual type	•
Rear window power sunshade	•
Doors/boot/tailgate	
Power Boot - Open/Close & close+lock	•
Smart Boot function - Hands-free opening	•
Vision & sight	N line
Interior mirror	
Electro-chromatic Mirror (ECM) - auto-dimming	•
Exterior mirrors	
Heated	•
Power adjustable	•
Power folding with auto fold function	•
Welcome mirror function - auto unfold upon door unlock / driver approach	•
Instrument cluster/driving displays	
Head-Up Display (HUD) - 10.0" colour display	•
Instrument cluster - 12.3" colour TFT-LCD full screen digital display, including:	•
2 x gauge style; Classic, Simple	•
3 x display themes; Normal, Eco, Sport	•
Ventilation & heating	N line
Air conditioning	
Dual Zone Climate control - including;	•
Auto control; 3-level fan (low, medium & high)	•
Auto internal air circulation function; windscreen washer & tunnel based	•
Auto Defog function	•
Auto Dehumidify function	•
Auto Drying function	•
Rear cooling/heating floor ducts - 2x	•
Rear cooling/heating air vents - 2x; centre console	•
Front seats	
Heated front seats	•
Ventilated front seats	•
Heated steering wheel	•
Auto Comfort Control - auto activation of driver's heated/ventilated seat & heated steering wheel	•
Rear seats	
Heated outboard seats	•
Other features	
Cabin air filter	•
Heated rear window - with timer	•
Exterior styling	N line
Front	
Front grille - N Line dedicated design	•
Front grille - Glossy Black	•
Side	
Door frame & beltline moulding - Glossy Black	•
Exterior door handles - Gloss Black trim insert	•

Mirror caps - Glossy Black	•
Rear	
Boot lip spoiler	•
Dual Twin exhaust tips - chrome	•
Other	
Roof aerial - gloss black (shark fin type)	•
Interior Finishes	N line
Air vents - Gloss red insert	•
Dashboard trim - metallic effect	•
Door release handles - dark metal finish	•
Door entry scuff trims - front; alloy finish	•
Headlining, grip handles, pillar trims & sun visors - dark grey	•
Leather ³ appointed finish - door trim inserts, dashboard, door arm rests, centre console armrest	•
Seats - Red stitching and highlights with embossed N emblem	•
Sports pedals - Alloy	•
Steering wheel - Perforated leather grips, red stitching & N emblem	•
Lighting	N line
Exterior lighting - front	
Daytime Running Lights (DRL) - LED	•
Dynamic Welcome Lighting (DWL) function	•
Headlight functions - automatic dusk sensing with escort and welcome	•
Headlight levelling device - manual type	•
Headlight lighting source - LED (low/high beam)	•
Headlight type - Dual projector beam	•
Indicator lights - Dynamic LED	•
Positioning light - LED; 'Seamless Horizon' full width	•
Exterior lighting - rear	
Dynamic Welcome Lighting (DWL) function	•
High Mount Stop Light (HMSTL) - LED	•
Indicator lights - LED	•
Positioning light - LED; full width	•
Stop lights - LED	•
Exterior lighting - side	
Courtesy lights - LED; Front door handles	•
Indicator lights - LED; integrated into front quarter panel	•
Interior lighting - front	
Ambient mood lighting - LED; dashboard front & doors, including: - Adjustable colours & brightness; 10 pre-set and up to 64 colour choices	• •
Front room lights and map lights - LED	•
Vanity mirror lights	•
Interior lighting - rear	
Rear room lights and map lights (outboard) - LED	•
Interior lighting - others	
Cargo area light	•
Interior light fade-out delay	•
Storage Solutions	N line
Front seats	
Bottle holders - doors	•
Cup holders - centre console; 2x	•
Glovebox compartment - with damped lid	•
Instrument panel display board - with magnetic attachment capability	•
Map pockets - doors	•
Ticket holders - sun visors; 2x	•
Rear seats	
Bottle holders	•
Coat hooks - 2x	•
Front seat back pockets - net type	•
Cup holders including phone slot - armrest; 2x	•
Seat backrest - split folding (60:40)	•

Notes:

1. Apple CarPlay requires iPhone 5 or subsequent model (lightning cable) in order to operate.
2. Android Auto requires a device with Android 5.0 operating system or subsequent version in order to operate.
3. Finishes specified as leather may contain elements of genuine leather, polyurethane leather (leather substitute) or man-made materials, or a combination thereof.
4. Wireless charging requires a Qi-enabled smartphone or adapter in order to operate.

Key:

- = Feature is available on trim
- = Feature is not available on trim