

# Hyundai Sonata.

## Specifications.



Engine	2.4 GDi		2.0 T-GDi	
Engine family	Theta II		Theta II	
Configuration	Transverse front engine, front wheel drive		Transverse front engine, front wheel drive	
Cylinder capacity	2.4 litres (2,359 cc)		2.0 litres (1,998 cc)	
Number of cylinders	4 in-line		4 in-line	
Valve system	16 valves, dual overhead cam (DOHC) with Dual Continuous Variable Valve Timing (D-CVVT) & 2-step variable induction system		16 valves, dual overhead cam (DOHC) with Dual Continuous Variable Valve Timing (D-CVVT) & 2-step variable induction system, twin-scroll turbocharger	
Intake system				
Maximum power	138 kW @ 6,000 RPM		180 kW @ 6,000 RPM	
Maximum torque	241 Nm @ 4,000 RPM		353 Nm @ 1,350-4,000 RPM	
Fuel system	GDI (Gasoline Direct Injection), Petrol		T-GDi (Turbo Gasoline Direct Injection), Petrol	
Fuel type	91 RON (ULP), E10 compatible		91 RON (ULP), E10 compatible	
Emissions standard	Euro 5		Euro 5	
Bore x stroke	88.0 mm x 97.0 mm		86.0 mm x 86.0 mm	
Compression ratio	11.3 : 1		10.0 : 1	
Transmission	2.4 GDi		2.0 T-GDi	
Automatic	6 speed automatic, electronically controlled with lock up torque converter		8 speed automatic, electronically controlled with lock up torque converter	
	Gear ratio	Automatic	Automatic	
1st		4.212	4.808	
2nd		2.637	2.901	
3rd		1.800	1.864	
4th		1.386	1.424	
5th		1.000	1.219	
6th		0.772	1.000	
7th		-	0.799	
8th		-	0.648	
Reverse		3.385	3.425	
Final		2.885	3.320	
Engine/transmission availability	2.4 GDi		2.0 T-GDi	
	Automatic		Automatic	
Active	•		-	
Premium	-		•	
Steering	2.4 GDi		2.0 T-GDi	
Type	Column mounted Motor Driven Power Steering (C-MDPS), rack & pinion			
Minimum turning circle diameter between kerbs / walls	10.9 m			
Number of steering wheel turns lock to lock	2.78			
Suspension	2.4 GDi		2.0 T-GDi	
Front	MacPherson strut with Amplitude Selective Dampers (ASD)			
Rear	Multi-link with Amplitude Selective Dampers (ASD)			
Brakes	2.4 GDi		2.0 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	305mm x 25mm		320mm x 28mm	
Rear brake type	Solid disc			
Rear disc dimensions	284 x 10 mm			
Weight	2.4 GDi		2.0 T-GDi	
	Automatic		Automatic	
Kerb weight - lightest	1500 kg		1560 kg	
Kerb weight - heaviest	1587 kg		1645 kg	
Gross Vehicle Mass (GVM)	2060 kg		2120 kg	
Towing capacity	2.4 GDi		2.0 T-GDi	
	Automatic		Automatic	
Braked			1300 kg	
Unbraked			650 kg	
Maximum towball weight			70 kg	
Fuel consumption*	2.4 GDi		2.0 T-GDi	
	Automatic		Automatic	
Combined (L/100km)	8.3		8.5	
Urban (L/100km)	12.1		12.2	
Extra Urban (L/100km)	6.3		6.3	
CO <sub>2</sub> - combined (g/km)	194		198	
Fuel tank volume	70			
*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	Active		Premium	
Exterior				
Length			4855 mm	
Width			1865 mm	
Height			1475 mm	
Wheelbase			2805 mm	
Wheel track - front / rear	1602 mm / 1609 mm		1597 mm / 1604 mm	
Minimum ground clearance (based on kerb weight)			135 mm	
Interior				
Head room front / rear	1025 mm / 975 mm		985 mm / 960 mm	
Hip room front / rear			1404 mm / 1426 mm	
Leg room front / rear			1155 mm / 905 mm	
Shoulder room front / rear			1470 mm / 1435 mm	
Cargo area - VDA/SAE			510 L / 462 L	

Wheels & tyres	Active	Premium
Wheel type	Alloy	Alloy
Wheel dimensions	17 x 7.0J+50	18 x 7.5J +52.5
Tyre dimensions	215/55 R17 91W	235/45 R18 90T
Spare wheel type	(Continental ContiPremiumContact™ 5) Full size alloy	(Michelin Pilot Sport 3) Full size alloy
Driving convenience	Active	Premium
Cruise control	•	•
Electronic Parking Brake (EPB) (with auto hold function)	-	•
One touch turn signal - 3, 5, or 7 flashes	•	•
Rain sensing wipers	•	•
Smart Key with push button start	•	•
Steering wheel mounted controls - audio, phone, cruise control, & trip computer	•	•
Tilt & telescopic steering column	•	•
Driving engagement	Active	Premium
Drive Mode - 3 settings (Comfort, Eco, Sport)	•	-
Drive Mode - 4 settings (Comfort, Eco, Sport, Smart)	-	•
Paddle shifters	•	•
Active safety	Active	Premium
<b>Electronic Stability Control (ESC) including:</b>		
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)	•	•
<b>Hyundai SmartSense™ including:</b>		
Blind Spot Detection (BSD)	-	•
Driver Attention Alert (DAA)	-	•
Lane Change Assist (LCA)	-	•
Lane Departure Warning System (LDWS)	-	•
Rear Cross Traffic Alert (RCTA)	-	•
Smart Cruise Control (SCC)	-	•
<b>Other features</b>		
Emergency Stop Signal (ESS)	•	•
Park Assist System (PAS) - front (4 sensors, with guidance display)	-	•
Park Assist System (PAS) - rear (4 sensors, with guidance display)	•	•
Rear view camera with dynamic guide lines	•	•
Passive safety	Active	Premium
<b>Airbags</b>		
Front airbags - driver & front passenger	•	•
Side (thorax) airbags - driver & front passenger	•	•
Side curtain airbags - 1st & 2nd rows	•	•
<b>Doors</b>		
Impact sensing auto door unlock	•	•
Rear door child safety locks	•	•
<b>Seatbelts</b>		
Pretensioners, load limiters & height adjustable upper mounts on front seat belts	•	•
Seat belt reminder - front & rear seatbelts	•	•
<b>Seating</b>		
Height adjustable front head restraints with tilt function	•	•
Height adjustable rear head restraints	•	•
ISOFIX child restraint anchors (rear outboard seats)	•	•
Top tether child restraint anchors (rear) - 3 anchors	•	•
Security	Active	Premium
<b>Security system</b>		
Active lock/unlock operation (user configurable)	•	•
Anti-theft alarm	•	•
Central locking	•	•
Engine immobiliser	•	•
<b>Remotes</b>		
Smart Key remote - 2x	•	•
Multimedia system	Active	Premium
<b>Functions</b>		
Apple CarPlay <sup>2</sup> & Android Auto <sup>3</sup> compatibility	•	•
Bluetooth phone connectivity	•	•
Satellite navigation	•	•
SUNA™ Live Traffic Updates	•	•
Touch screen - 8" display	•	•
<b>Speakers</b>		
Audio system - 6 speakers	•	•
<b>Audio/media sources</b>		
AM / FM radio	•	•
AUX / USB audio input with iPod® compatibility	•	•
Bluetooth audio streaming	•	•
Occupant comfort & convenience	Active	Premium
<b>Upholstery/trim</b>		
Leather <sup>1</sup> appointed seats	-	•
Leather <sup>1</sup> appointed steering wheel & gear knob	•	•
<b>Front seats</b>		
Driver's seat - height adjustable	•	•
Driver's seat - power adjustable - 12-way (including 4-way lumbar support)	-	•
Passenger's seat - height adjustable	•	•
Passenger's seat - power adjustable - 8-way (including 2-way lumbar support)	-	•
Integrated Memory System (IMS) on driver's seat and exterior mirrors	•	•
Front centre console armrest	•	•
Front centre console storage cubby - power outlets - 2 x 12V outlets	•	•
Front centre console - wireless charging pad (Qi standard) <sup>4</sup>	-	•
Grip handles - 1x (passenger)	•	•
<b>Rear seats</b>		
Centre fold down armrest with cupholders	•	•
Grip handles - 2x	•	•
Rear of centre console - power outlet 1 x 12V	•	•
<b>Windows/shades</b>		
Panoramic glass sunroof - dual panel with tilt and slide front panel and power sunblind	-	•
Power windows - front & rear	•	•
One touch window up & down function with anti-pinchng safety feature - driver's window	•	•
One touch window up & down function with anti-pinchng safety feature - front passenger's window	-	•
Rear door curtains (manual type)	-	•
<b>Doors/boot/tailgate</b>		
Smart Boot (hands-free opening)	•	•

Vision & sight	Active	Premium
<b>Interior mirror</b>		
Electro-chromatic Mirror (ECM) - auto-dimming	-	•
<b>Exterior mirrors</b>		
Heated	-	•
Power adjustable	•	•
Power folding with auto fold function	-	•
<b>Instrument cluster/driving displays</b>		
Instrument cluster - 3.5" TFT LCD with trip computer & digital speedometer	•	-
Supervision cluster - 4.2" TFT colour LCD with trip computer & digital speedometer	-	•
Ventilation & heating	Active	Premium
<b>Air conditioning</b>		
Climate control - dual zone with auto defog function	•	•
Cabin air filter	•	•
Cooling/heating vents - rear centre console	•	•
Cooling/heating ducts - rear floor	•	•
<b>Front seats</b>		
Air ventilated front seats	-	•
Heated front seats	-	•
<b>Other features</b>		
Heated rear windshield	•	•
Exterior styling	Active	Premium
<b>Front</b>		
Front grille - horizontal strips	•	-
Front grille - dark chrome mesh	-	•
Front grille surround - chrome	•	-
Front grille surround - dark chrome	-	•
Front grille inserts - chrome	•	-
<b>Side</b>		
Door frame & beltline moulding - chrome	•	-
Door frame & beltline moulding - satin chrome	-	•
Exterior door handles - chrome	•	-
Exterior door handles - dark chrome	-	•
Mirror caps - black	-	•
Waistline moulding - dark chrome	-	•
<b>Rear</b>		
Dual exhaust tips - chrome	•	•
Interior Styling	Active	Premium
<b>Treatments</b>		
Black headlining	-	•
Coloured stitching - grey (seats, steering wheel, front armrest and gearshift boot)	-	•
Alloy effect finish (door handles)	•	•
Alloy effect inserts (air vents, audio and ventilation controls)	•	•
<b>Materials</b>		
Premium materials - door centre trim	•	•
Premium materials - dash cluster hood	-	•
Door scuff plates - stainless steel with 'Sonata' etching	-	•
Sports pedals - alloy	-	•
Lighting	Active	Premium
<b>Exterior lighting - front</b>		
Daytime Running Lights (DRL) - LED	•	•
Headlight functions - automatic dusk sensing with escort and welcome		•
Headlight type - LED (low/high beam)	-	•
Headlight type - projector beam	•	-
Positioning lights - LED	•	•
<b>Exterior lighting - rear</b>		
High mount stop light (HMSL) - LED	•	•
Rear combination lights - LED (bulb indicator and reverse lights)	-	•
<b>Exterior lighting - others</b>		
Courtesy lights - LED, in front door handles	•	•
Puddle lights - LED, in side mirrors	-	•
Safety reflectors - integrated in bumper (rear)	•	•
Side repeaters - LED, integrated into side mirrors	•	•
<b>Interior lighting - front</b>		
Ambient lighting - centre console	•	•
Front room lights and map lights	•	-
Front room lights and map lights - LED	-	•
Glovebox compartment light	•	•
Vanity mirror lights	•	•
<b>Interior lighting - rear</b>		
Centre room light	•	-
Rear room lights and map lights (outboard) - LED	-	•
<b>Interior lighting - others</b>		
Cargo area light	•	•
Interior light fade-out delay		•
Safety lights - integrated in doors (front)	•	•
Storage Solutions	Active	Premium
<b>Front seats</b>		
Centre console - deluxe type	-	•
Cup holders - centre console	•	•
Front seat back pockets	•	•
Glovebox compartment	•	•
Retractable sunglasses compartment		•
Ticket holders - sunvisors (driver and front passenger)	•	•
<b>Rear seats</b>		
Coat hooks - 3x	•	-
Coat hooks - 4x	-	•
Cup holders - armrest	•	•
Rear seating split folding - 60:40	•	•
<b>Others</b>		
Doors - map pockets and bottle bulges (front and rear)	•	•
<b>Notes:</b> 1. Finishes specified as leather may contain elements of genuine leather, polyurethane leather (leather substitute) or man-made materials, or a combination thereof. 2. Apple CarPlay requires iPhone 5 or subsequent model (lightning cable) in order to operate. 3. Android Auto requires a device with Android 5.0 operating system or subsequent version in order to operate. 4. Wireless charging requires a Qi-enabled smartphone or adapter in order to operate.  <b>Key:</b> • = Feature is available on trim - = Feature is not available on trim		