

SANTA FE.

Specifications.



Hyundai SANTA FE		
Engine	Smartstream 2.5 T-GDi	Smartstream G1.6T-GDi HEV
Engine code	G4KP	G4FT
Configuration	FWD: Transverse front mounted driving front wheels AWD: Transverse front mounted driving front and rear wheels	FWD: Transverse front mounted driving front wheels AWD: Transverse front mounted driving front and rear wheels
Cylinder capacity	2.5 Litres (2,497)	1.6 Litres (1,598)
Number of cylinders	4 in-line	4 in-line
Valve system	16-Valve (HLA)	16 Valve (HLA)
Intake System	Turbo-charged	Turbo-charged
Maximum power	206kW @ 5,800 RPM	132 kW @ 5,500 RPM
Maximum torque	422 Nm @ 1,700 - 4,000 RPM	265 Nm @ 1,500-4,500 RPM
Fuel system	Multi Point Intake Manifold (MPI) + Gasoline Direct Injection (GDi)	Turbo Gasoline Direct Injection (T-GDi)
Fuel type	91 RON (ULP), E10 compatible	91 RON (ULP), E10 compatible
Emissions standard	Euro 5	Euro 5
Bore x stroke	88.5 mm x 101.5 mm	75.6 mm x 89.0 mm
Compression ratio	10.5:1	10.5:1
Electric Motor	Smartstream 2.5 T-GDi	Smartstream G1.6T-GDi HEV
Motor type	-	Permanent Magnet Synchronous Motor (PMSM)
Configuration	-	Transmission Mounted Electric Device (TMED)
Maximum power	-	47.7 kW
Maximum torque	-	264 Nm @ 1,700 RPM
Combined system output	Smartstream 2.5 T-GDi	Smartstream G1.6T-GDi HEV
Maximum power	206kW @ 5,800 RPM	172 kW @ 5,600 RPM
Maximum torque	422 Nm @ 1,700 - 4,000 RPM	367 Nm @ 1,000-4,100 RPM
Battery	Smartstream 2.5 T-GDi	Smartstream G1.6T-GDi HEV
Battery type	-	Lithium-Ion Polymer
Capacity	-	1.49 kWh
Voltage	-	270V
Transmission	Smartstream 2.5 T-GDi	Smartstream G1.6T-GDi HEV
All Wheel Drive (AWD) System	Active on-demand 4WD	Active on-demand 4WD
Automatic	Smartstream 8DCT - 8 speed Dual Clutch	Smartstream 6AT - 6 speed automatic

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Gear ratio	FWD		AWD	
1st	3.429		4.639	
2nd	2.217		2.826	
3rd	2.217		1.841	
4th	1.621		1.386	
5th	0.860		1	
6th	0.673		0.772	
7th	0.791		-	
8th	0.653		-	
Reverse	3.697		3.385	
Final	4.846/3.316		3.51	
Engine/transmission availability	Smartstream 2.5 T-GDi		Smartstream G1.6T-GDi HEV	
	FWD	AWD	FWD	AWD
SANTA FE	•	•	•	•
Elite	-	•	-	•
Calligraphy	-	•	-	•
Steering	Smartstream 2.5 T-GDi		Smartstream G1.6T-GDi HEV	
Type	Column Motor Driven Power Steering (C-MDPS)		Rack mounted Motor Driven Power Steering (R-MDPS)	
Minimum turning circle diameter between kerbs / walls	11.6m		11.6m	
Number of steering wheel turns lock to lock	2.62		2.53	
Suspension	Smartstream 2.5 T-GDi		Smartstream G1.6T-GDi HEV	
Front	MacPherson strut		MacPherson strut	
Rear	Multi-link		Multi-link	
Brakes	Smartstream 2.5 T-GDi		Smartstream G1.6T-GDi HEV	
	FWD	AWD	FWD	AWD
System	Dual-diagonal, split circuit, power assisted with Electronic Brakeforce Distribution (EBD) and Brake Assist System (BAS)		Dual-diagonal, split circuit, power assisted with Electronic Brakeforce Distribution (EBD) and Brake Assist System (BAS)	
Front brake type	Ventilated disc		Ventilated disc	
Front disc dimensions	345 mm x 30 mm		325 mm x 30 mm	
Rear brake type	Solid Disc		Ventilated disc	
Rear disc dimensions	305 mm x 11 mm		325 mm x 20 mm	
Weight	Smartstream 2.5 T-GDi		Smartstream G1.6T-GDi HEV	
	FWD	AWD	FWD	AWD
Kerb weight - lightest (6 seat)	1835 kg	1900 kg	1925 kg	1990 kg (1975 kg)
Kerb weight - heaviest (6 seat)	1955 kg	2020 kg	2040 kg	2105 kg (2090 kg)
Gross Vehicle Mass (GVM) (6 seat)	2630 kg	2650 kg	2640 kg	2680 kg (2670 kg)
Permissible Axle Weight (PAW) - front	1380 kg		1380 kg	
Permissible Axle Weight (PAW) - rear	1450 kg		1450 kg	
Roof rack load limit	100 kg		100 kg	
Towing capacity	Smartstream 2.5 T-GDi		Smartstream G1.6T-GDi HEV	
	FWD	AWD	FWD	AWD
Braked	2000 kg		1650 kg	
Unbraked	750 kg		750 kg	
Maximum towball weight	100 kg		100 kg	
Fuel consumption*	Smartstream 2.5 T-GDi		Smartstream G1.6T-GDi HEV	
	FWD	AWD	FWD	AWD
Combined (L/100km)	9.3		5.6	
Urban (L/100km)	13.3		6.2	
Extra Urban (L/100km)	7.0		5.3	
CO ₂ - combined (g/km)	212		128	
Fuel tank volume	67L		67L	

*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.

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Seating capacity availability	SANTA FE	Elite	Calligraphy
6 passenger (individual 2nd row outboard seats)	-	-	•
7 passenger (bench type 2nd row seat)	•	•	•
Dimensions	SANTA FE	Elite	Calligraphy
Exterior			
Length	4830 mm		
Width	1900 mm		
Height (with roof rails)	1720 mm (1770 mm)		
Wheelbase	2815 mm		
Wheel track - front / rear	1637mm / 1647mm		
Minimum ground clearance (based on kerb weight)	177 mm		
Approach / departure / ramp break over angle	17.4° / 20.9° / 15.3°		
Interior			
Head room - 1st row / 2nd row / 3rd row (w/ sunroof)	1045 mm / 1030 mm / 958 mm (1020 mm / 1007 mm / 958 mm)		
Leg room - 1st row / 2nd row / 3rd row	1052 mm / 1055 mm / 761 mm		
Shoulder room - 1st row / 2nd row / 3rd row	1511 mm / 1475 mm / 1360 mm		
Hip room - 1st row / 2nd row / 3rd row	1436 mm / 1395 mm / 1084 mm		
Cargo area - VDA (minimum / maximum)	628 / 1949 Litres (Hybrid) 642 / 1963 Litres (Petrol)		
Wheels & tyres	SANTA FE	Elite	Calligraphy
Wheel type	Alloy	Alloy	Alloy
Wheel dimensions	20 x 8.5J +54	20 x 8.5J +54	20 x 8.5J +54
Tyre dimensions	255/45R20 105V XL	255/45R20 105V XL	255/45R20 105V XL
Spare wheel type	Full size alloy	Full size alloy	Full size alloy
Active safety	SANTA FE	Elite	Calligraphy
Electronic Stability Control (ESC) including;			
Anti-lock Braking System (ABS)	•	•	•
Brake Assist System (BAS)	•	•	•
Crosswind Stability Control (CSC)	•	•	•
Downhill Brake Control (DBC)	•	•	•
Electronic Brakeforce Distribution (EBD)	•	•	•
Hill-start Assist Control (HAC)	•	•	•
Multi-Collision Braking (MCB)	•	•	•
Traction Control System (TCS)	•	•	•
Trailer Stability Assist (TSA)	•	•	•
Vehicle Stability Management (VSM)	•	•	•
Hyundai SmartSense™ including;			
Blind-Spot Collision-Avoidance Assist (BCA)	•	•	•
Blind-Spot View Monitor (BVM)	•	•	•
Driver Attention Warning (DAW), including;	•	•	•
Forward Attention Warning (FAW)	•	•	•
Leading Vehicle Departure Alert (LVDA)	•	•	•
Forward Collision-Avoidance Assist (FCA) including;	•	•	•
Car / Pedestrian / Cyclist Detection (FCA - CAR/PED/CYC)	•	•	•
Junction Turning / Crossing functions (FCA - JT/JC)	•	•	•
Direct Oncoming / Lane Change Oncoming / Side functions (FCA - DO/LO/LS)	•	•	•
Evasive Steering Assist function (FCA - w/ ESA)	•	•	•

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High Beam Assist (HBA)	•	•	•
Highway Driving Assist (HDA) including:	-	•	•
Distance Control, Lane Following Control, and Lane Change Assist Control	-	•	•
Intelligent Speed Limit Assist (ISLA)	•	•	•
Lane Following Assist (LFA)	•	•	•
Lane Keeping Assist - Line/Road-Edge (LKA-L/R)	•	•	•
Navigation-based Smart Cruise Control (NSCC)	-	•	•
Parking Collision-Avoidance Assist - Reverse (PCA-R)	•	•	•
Rear Cross-Traffic Collision-Avoidance Assist (RCCA)	•	•	•
Rear Occupant Alert (ROA) - logic type	•	-	-
Rear Occupant Alert (ROA) - sensor type	-	•	•
Safe Exit Assist (SEA)	•	•	•
Smart Cruise Control (SCC), including;	•	•	•
Stop & Go function (SCC w/ S&G)	•	•	•
Machine Learning function (SCC w/ ML) - Based on Driving Style	•	•	•
Surround View Monitor (SVM) including;	•	•	•
3D Surround View function	•	•	•
Driving Rear-View Monitor (DRM) function - rear view image on command	•	•	•
Trailer connection mode	•	•	•
Other features			
Emergency Stop Signal (ESS)	•	•	•
Manual Speed Limit Assist (MSLA)	•	•	•
Parking Distance Warning - Forward/Side/Reverse (PDW-F/S/R) - 6 sensors with guidance display	•	•	•
Remote Smart Parking Assist (RSPA) via Smart Key - Forward/Reverse parking functions	-	•	•
Rear view camera with dynamic guide lines	•	•	•
Tyre Pressure Monitoring System (TPMS) - individual tyre pressure readout	•	•	•
Passive safety	SANTA FE	Elite	Calligraphy
Airbags			
Driver knee airbag	•	•	•
Front airbags - driver & front passenger	•	•	•
Front centre side	•	•	•
Side (thorax) airbags - driver & front passenger	•	•	•
Side (thorax) airbags - 2nd row outboard seats	•	•	•
Side curtain airbags	•	•	•
Seatbelts			
Pretensioners, load limiters & height adjustable upper mounts on front seat belts	•	•	•
Pretensioners & load limiters on rear (outboard) seat belts - 2nd row	•	•	•
Seat belt reminder - all positions	•	•	•

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Seating			
Height adjustable front head restraints with tilt function and height adjustable rear head restraints	•	•	•
ISOFIX child restraint anchors (rear outboard seats) - 2nd & 3rd row	•	•	•
Top tether child restraint anchors (all positions) - 2nd & 3rd row	•	•	•
Smart one touch 2nd row flat folding seats (switch operated) - cargo compartment	•	•	•
Security	SANTA FE	Elite	Calligraphy
Security system			
Anti-theft alarm	•	•	•
Engine immobiliser	•	•	•
Bluelink® connected car service	SANTA FE	Elite	Calligraphy
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) & vehicle diagnostics	•	•	•
Remote functions			
Alert Services - set geo-fencing, valet, speed, and time alerts	•	•	•
Remote Functions – door lock/unlock, window open/close, hazard warning lights, horn, start/stop charging, start/stop conditioning	•	•	•
Remote climate control - including; windscreen defog and heated rear window/side mirrors operation	•	•	•
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	SANTA FE	Elite	Calligraphy
Audio/media sources			
AM / FM / Digital (DAB+) radio with Radio Data System (RDS)	•	•	•
Passenger Talk - Driver's voice communicated through rear speakers	-	•	•
USB-C multimedia input	•	•	•
Functions			
Capacitive touch screen - 12.3" HD curved display, blue light filter	•	•	•
Apple CarPlay ¹ & Android Auto ² compatibility - wireless	•	•	•
Bluetooth® - with multi-connection (1 x phone/audio & 1 x audio)	•	•	•
Satellite navigation with live traffic updates via Bluelink	-	•	•
Speakers			
Audio system - 6 speakers	•	-	-
BOSE™ premium audio system - 12 speakers with external amplifier	-	•	•

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Hyundai SANTA FE			
Driving convenience	SANTA FE	Elite	Calligraphy
Electronic Parking Brake (EPB) with Auto Hold function	•	•	•
Integrated Memory System (IMS) including:	-	-	•
2 driver's seat positions (excluding lumbar) & exterior mirror positions	-	-	•
Rain sensing wipers	•	•	•
Rear wiper - 2-stage, with auto wipe on reverse	•	•	•
Remote start - via Smart Key	•	•	•
Smart Key with push button start	•	•	•
Tilt & telescopic steering column	•	•	•
Driving engagement	SANTA FE	Elite	Calligraphy
Drive Mode - 4 settings : Eco, Normal, Sport, My Drive	•	•	•
Multi Terrain Mode - 3 settings : Snow, Mud, Sand (available on AWD variants only)	•	•	•
Paddle shifters	•	•	•
Occupant comfort & convenience	SANTA FE	Elite	Calligraphy
Upholstery/trim			
Premium cloth seats	•	-	-
Leather ³ appointed seats	-	•	-
Nappa Leather ³ appointed seats	-	-	•
Leather ³ appointed steering wheel	•	•	•
1st row			
Driver's seat - power adjustable - 10-way (including 2-way power lumbar support)	•	•	-
Driver's seat - power adjustable - 14-way (including 4-way power lumbar support)	-	-	•
Driver's and passenger's seat relaxation function	-	-	•
Passenger's seat - power adjustable - 8-way	-	•	-
Passenger's seat - power adjustable - 10-way	-	-	•
Front centre console storage cubby - power outlets - 1 x 12V outlet	•	•	•
Front centre console - 1 x USB-C charger, 1 x USB-C multimedia input	•	•	•
Front centre console - single wireless charger (Qi standard) ⁴	•	-	-
Front centre console - dual wireless charger (Qi standard) ⁴	-	•	•
UV-C sanitisation tray	-	-	•
2nd row			
Backrest recline function - 2-way manual	•	•	•
Seat base slide function - 2-way manual	•	•	•
Individual power captain chairs - power adjustable - 4 way with relaxation function (6 seat only)	-	-	O
Front seat back power outlets - 2 x USB-C charger outlets	•	•	•
Walk-in switch - control for slide function to access 3rd row	•	•	•
3rd row			
3rd row exit function switch; one-touch (2nd row seat outboard backrest upper)	•	•	•
Power outlet - 2 x USB-C charger outlet , 1x 12V power outlet	•	•	•
Windows/shades			
Acoustic laminated glass - windshield glass	•	•	•

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Acoustic laminated glass - front door glass	-	•	•
Glass sunroof; single front panel with tilt & slide function and manual sunshade, fixed rear panel with power sunshade	-	-	•
Power windows - one touch up & down function with anti-pinch safety feature - all windows	•	•	•
Rear privacy glass	•	•	•
Rear door window sunshades	-	•	•
Solar control windshield and front door glass	-	•	•
Doors/boot/tailgate			
Smart Tailgate (rear power tailgate with hands-free opening) - Speed and height adjustable	•	•	•
Vision & sight	SANTA FE	Elite	Calligraphy
Interior mirror			
Electro-chromatic Mirror (ECM) - auto-dimming	-	•	-
Digital Centre Mirror (DCM) - with full screen digital display	-	-	•
Exterior mirrors			
Heated	•	•	•
Power adjustable with auto-dip on reverse function	•	•	•
Power folding with auto fold function	•	•	•
Instrument cluster/driving displays			
Head-Up Display (HUD)	-	-	•
Instrument cluster - 12.3" colour TFT-LCD full screen digital display	•	•	•
Ventilation & heating	SANTA FE	Elite	Calligraphy
Air conditioning			
Climate control - dual zone including;	•	•	•
6.6" touch type control panel	•	•	•
Auto defog function, auto dehumidify function, and air-conditioning auto-drying function	•	•	•
Front seats			
Air ventilated front seats	-	-	•
Heated front seats	•	•	•
Rear seats			
Heated rear outboard seats	-	-	•
3rd row			
Air-conditioning system with manual fan speed control	•	•	•
Other features			
Heated steering wheel	-	•	•
Exterior styling	SANTA FE	Elite	Calligraphy
Front			
Front grille	Hyper Silver	Dark Chrome	Dark Chrome Calligraphy-exclusive
Front skid plate	Silver	Hyper Silver	Satin Black
Side			
Door frame & beltline moulding - gloss black	-	-	•
Gloss black body cladding	-	-	•
Side garnish insert	-	Hyper Silver	Satin Black
Rear			
Lower bumper garnish	-	Hyper Silver	Satin Black

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Other			
Satin black roof rails	-	-	•
Black badging	-	-	•
Interior styling	SANTA FE	Elite	Calligraphy
Materials			
Melange knit - headlining, A/B/C pillar covers and sun visors	•	-	-
Suede - headlining, A/B/C pillar covers and sun visors	-	•	•
Leatherette door armrest with real stitching	-	•	•
Door entry scuff plates - stainless steel	-	•	•
Lighting	SANTA FE	Elite	Calligraphy
Exterior lighting - front			
Daytime Running Lights (DRL) - LED	•	•	•
Headlight functions - automatic dusk sensing with escort and welcome	•	•	•
Headlight lighting source - LED (low/high beam)	•	•	•
Headlight type - LED dual projector beam	-	•	•
Exterior lighting - rear			
Fog lights - LED	•	•	•
High Mount Stop Light (HMSL) - LED	•	•	•
Rear combination lights - LED (bulb reverse lights)	•	•	•
Exterior lighting - others			
Courtesy lights - LED, in front door handles	•	•	•
Side repeaters - LED, integrated into side mirrors	•	•	•
Interior lighting - front			
Interior ambient lighting - user customisable	-	•	•
Front room lights and map lights - LED	•	•	•
Interior lighting - rear			
Outboard map lights - LED	•	•	•
Storage solutions	SANTA FE	Elite	Calligraphy
1st row			
Bottle and cup holders	•	•	•
Centre console storage cubby - lower	•	•	•
2nd row			
Coat hooks	•	•	•
Bottle and cup holders	•	•	•
Rear seating split folding 7 seat variants - 60:40	•	•	•
Rear seating split folding 6 seat variants - 50:50	-	-	O
Boot/Luggage area			
Cargo cover - retractable with 2 position setting	•	•	•
Luggage net	•	•	•
Others			
Side storage recess with cup holders - outer sides of 3rd row	•	•	•
Roof Rails	•	•	•

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