

Hyundai Palisade.

Specifications.



Engine	3.8 GDi 2WD	2.2 CRDi AWD
Engine family	Lambda II - G6DN	R series - D4HB
Configuration	Transverse front mounted driving front wheels	Transverse front mounted driving front and rear wheels
Cylinder capacity	3.8 litres (3,778 cc)	2.2 litres (2199 cc)
Number of cylinders	6 v-configuration	4 in-line
Valve system	"24 Valve (MLA), Double Overhead Cam (DOHC), Dual Continuously Variable Valve Timing (D-CVVT), Atkinson cycle"	16 Valve (HLA), Double Overhead Cam (DOHC)
Intake system	Naturally aspirated with Variable Intake System (VIS)	Electronic Control Variable Geometry Turbocharger (e-VGT)
Maximum power	217 kW @ 6,000 RPM	147 kW @ 3,800 RPM
Maximum torque	355 Nm @ 5,200 RPM	440 Nm @ 1,750-2,750 RPM
Fuel system	Gasoline Direct Injection (GDi)	Common Rail Direct injection (CRDi)
Fuel type	91 RON (ULP), E10 compatible	Diesel, B7 compatible
Emissions standard	Euro 5	Euro 5
Bore x stroke	96.0 mm x 87.0 mm	85.4 mm x 96.0 mm
Compression ratio	13:1	16:1
Transmission	3.8 GDi 2WD	2.2 CRDi AWD
All Wheel Drive (AWD) system	-	Active on-demand HTRAC AWD
Automatic	8 speed automatic	8 speed automatic
Gear ratio	Automatic	Automatic
1st	4.808	4.808
2nd	2.901	2.901
3rd	1.864	1.864
4th	1.424	1.424
5th	1.219	1.219
6th	1.000	1.000
7th	0.799	0.799
8th	0.648	0.648
Reverse	3.425	3.425
Final	3.648	3.510
Powertrain availability	3.8 GDi 2WD	2.2 CRDi AWD
Elite	•	•
Highlander	•	•
Steering	3.8 GDi 2WD	2.2 CRDi AWD
Type	Column-mounted Motor Driven Power Steering (C-MDPS)	
Minimum turning circle diameter between kerbs / walls	11.80 m	
Number of steering wheel turns lock to lock	2.87	
Suspension	3.8 GDi 2WD	2.2 CRDi AWD
Front	MacPherson strut	
Rear	Multi-link	
Damping control system	High performance dampers	

Brakes	3.8 GDi 2WD	2.2 CRDi AWD
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	340 mm x 30 mm	
Rear brake type	Ventilated disc	
Rear disc dimensions	314 mm x 18 mm	
Weight	3.8 GDi 2WD	2.2 CRDi AWD
Kerb weight - lightest	1911 kg	1980 kg
Kerb weight - heaviest	1984 kg	2070 kg
Tare weight	1938 kg	2019 kg
Gross Vehicle Mass - GVM	2670 kg	2755 kg
Permissible Axle Weight - PAW - front	1340 kg	1340 kg
Permissible Axle Weight - PAW - rear	1450 kg	1450 kg
Roof rack load limit	100 kg	100 kg
Towing capacity	3.8 GDi 2WD	2.2 CRDi AWD
Braked	2200 kg	2200 kg
Unbraked	750 kg	750 kg
Maximum tow ball weight	100 kg	100 kg
Maximum tow ball weight - with Hyundai Genuine Accessories Load Assist Kit	-	180 kg
Trailer pre-wiring package	•	•
Fuel consumption*	3.8 GDi 2WD	2.2 CRDi AWD
Combined (L/100km)	10.7	7.3
Urban (L/100km)	14.9	9.2
Extra Urban (L/100km)	8.3	6.2
CO ² - combined (g/km)	251	193
Fuel tank volume	71 litres	
*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.		
Seating capacity availability	Elite	Highlander
7 passenger (2nd row individual outboard seats)	•	•
8 passenger (2nd row bench type seat)	•	•
Dimensions	Elite	Highlander
Exterior		
Length	4995 mm	
Width	1975 mm	
Height	1750 mm	
Wheelbase	2900 mm	
Wheel track - front / rear	1708 / 1716 mm	
Minimum ground clearance (based on kerb weight)	203 mm	
Approach / departure / ramp break over angle	18.5° / 20.3° / 17.9°	
Interior		
Head room 1st row / 2nd row / 3rd row	1026 / 1019 / 959 mm	1026 / 985 / 959 mm
Leg room 1st row / 2nd row / 3rd row	1120 / 1077 / 798 mm	
Shoulder room 1st row / 2nd row / 3rd row	1555 / 1545 / 1402 mm	
Hip room 1st row / 2nd row / 3rd row	1476 / 1466 / 1111 mm	
Cargo area - minimum : behind 3rd row / behind 2nd row (VDA)	311 / 704 litres	
Wheels & tyres	Elite	Highlander
Wheel type	Alloy	

Wheel dimensions	20 x 7.5J +49.5	
Tyre dimensions	245/50 R20 102V	
Spare wheel type	Full size alloy	
Active safety	Elite	Highlander
Electronic Stability Control (ESC) including:		
Anti-lock Braking System (ABS)	•	•
Brake Assist System (BAS)	•	•
Downhill Brake Control (DBC) ¹	•	•
Electronic Brakeforce Distribution (EBD)	•	•
Hill-start Assist Control (HAC)	•	•
Multi anti-Collision Braking (MCB)	•	•
Traction Control System (TCS)	•	•
Trailer Stability Assist (TSA)	•	•
Vehicle Stability Management (VSM)	•	•
Hyundai SmartSense™ including:		
Blind-Spot Collision-Avoidance Assist (BCA), including: Blind-Spot Collision Warning (BCW) Collision-Avoidance Assist function; parallel parking exit only	•	•
Blind-Spot View Monitor (BVM)	-	•
Driver Attention Warning (DAW), including: Leading Vehicle Departure Alert (LVDA)	•	•
Forward Collision-Avoidance Assist (FCA) - camera and radar type, including: Car/Pedestrian/Cyclist detection City/Urban/Interurban operational speeds Junction Turning (FCA-JT) functionality	•	•
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 - Rear (PCA-R)	-	•
Rear Cross-Traffic Collision-Avoidance Assist (RCCA)	•	•
Rear Occupant Alert (ROA) - advanced	•	•
Safe Exit Assist (SEA)	•	•
Smart Cruise Control (SCC) with Stop & Go	•	•
Surround View Monitor (SVM), including: 3D Surround View function Driving Rear-View Monitor (DRM) function - rear view image on command Parking Distance Warning function w/ dynamic guidelines & guidance display Side front/back view and top down view w/ car wash entering mode, tailgate guidelines & trailer connection mode	-	•
Other features		
Emergency Stop Signal (ESS)	•	•
Manual Speed Limit Assist (MSLA)	•	•
Parking Distance Warning - Forward/Reverse (PDW-F/R) - 4 sensors, with guidance display	•	-
Parking Distance Warning - Forward/Reverse (PDW-F/R) - 6 sensors, with guidance display	-	•
Rear View Monitor (RVM) camera, including: Driving Rear-View Monitor (DRM) function - rear view image on command Parking Distance Warning function w/ dynamic guidelines & guidance display Top down view w/ tailgate guidelines & trailer connection mode	•	-

Remote Smart Parking Assist (RSPA) - Forward/Reverse parking functions	-	•
Reverse Light Guide function - light projection on ground	-	•
Safety courtesy lights (red) - integrated in front doors	•	•
Tyre Pressure Monitoring System (TPMS) - individual tyre pressure readout	•	•
Passive safety	Elite	Highlander
Airbags		
Front airbags; 1st row - 2x	•	•
Front centre side airbag; 1st row - 1x (between front seats)	•	•
Front side airbags; 1st row - 2x (thorax & pelvis)	•	•
Side curtain airbags; 1st, 2nd & 3rd rows - 2x	•	•
Doors		
Impact sensing auto door unlock	•	•
Electronic child safety lock system - 2nd row doors & windows	•	•
Seatbelts		
Emergency Locking Retractors (ELR) - 1st, 2nd & 3rd rows	•	•
Pre-tensioners - 1st & 2nd rows	•	•
Load limiters - 1st row	•	•
Height adjustable upper mounts - 1st row	•	•
Roof mounted & stowable centre seatbelt - 3rd row	•	•
Seat belt reminder - all seating positions	•	•
Seating		
Height adjustable head restraints w/ tilt function - 1st row	•	•
Height adjustable head restraints - 2nd & 3rd rows	•	•
ISOFIX child restraint anchors; 2nd row - 2x (outboard seats)	•	•
ISOFIX child restraint anchor; 3rd row - 1x (left outboard seat)	•	•
Top tether child restraint anchors; 2nd row - 2x ² / 3x ³	•	•
Top tether child restraint anchors; 3rd row - 2x (left outboard & centre seat)	•	•
Security	Elite	Highlander
Security system		
Active lock/unlock operation (user configurable)	•	•
Anti-theft alarm	•	•
Central locking	•	•
Engine immobiliser	•	•
Remotes		
Smart Key remote - 2x	•	•
Bluelink® connected car service	Elite	Highlander
Vehicle functions		
Automatic Collision Notification (ACN)	•	•
Emergency Call (SOS) function	•	•
Valet Mode function - geo-fencing, time-fencing, speed alert & restricted infotainment control	•	•
Voice Control - natural voice recognition, including: navigation, phone, climate control & vehicle functions	•	•
Calendar integration (Google, iCloud) - weather forecast information & vehicle diagnostics	•	•
Remote functions		
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 rear window/side mirrors, heated seat/steering wheel ⁴ & ventilated seat ⁴ operation	•	•
Remote Surround View Monitor (SVM) - live current SVM feed, view stored video list	-	•
Remote services		
Navigation - destination send to car, connected routing, AR last-mile navigation, find my car, my trips	•	•
Vehicle status & notifications - open doors & windows, fuel level, distance to empty, alarm operation	•	•
Multimedia system	Elite	Highlander
Audio/media sources		
AM radio	•	•
FM / Digital radio (DAB+)	•	•
Apple CarPlay ⁵ & Android Auto ⁶ compatibility - wired	•	•
Bluetooth audio streaming	•	•
Sounds of Nature - 6 pre-set sounds	•	•
USB A-type multimedia input; music/video - 1x (centre console)	•	•
Functions		
Bluetooth® Multi-Connection; 1x phone/audio & 1x audio	•	•
Bluetooth® Message Access Profile (MAP) - SMS playback capability; audio & visual	•	•
Passenger Talk function - Driver's voice communicated through rear speakers	•	•
Quiet Mode function - Audio volume limited to 25 in 1st row and muted in rear	•	•
Radio Data System (RDS)	•	•
Satellite Navigation	•	•
Live traffic updates (RDS-TMC)	•	•
Touch screen - 12.3" HD display (1920 x 720) with blue light filter	•	•
Voice memo function - up to 70 minutes recording time	•	•
Speakers		
Infinity™ premium audio system - 12 speakers with external amplifier	•	•
Driving convenience	Elite	Highlander
Auto Hold function	•	•
Electronic Parking Brake (EPB)	•	•
Integrated Memory System (IMS) - driver's seat (except lumbar), exterior mirrors & Head Up Display (HUD) position	-	•
Easy Access function - driver's seat	-	•
One touch turn signal - 3, 5, or 7 flashes	•	•
Intermittent aero type windscreen wipers - with speed control	•	-
Rain sensing aero type windscreen wipers - with Auto control	-	•
Rear wiper - 2 stage with auto wipe in reverse	•	•
Reverse parking aid function - interior & exterior mirrors	-	•
Remote Start - via Smart Key	•	•
Smart Key with push button start	•	•
Steering wheel mounted controls - audio, favourite, phone, voice control, lane safety, smart cruise control/speed limiter & trip computer	•	•
Tilt & telescopic steering column	•	•
Personalised User Profile selection - 3 custom profiles; Driver 1, Driver 2 & Guest	•	•

Driving engagement	Elite	Highlander
Drive Mode - 4 settings (Comfort, Eco, Sport, Smart)	•	•
Multi Terrain Mode - 3 settings (Snow, Mud, Sand) ¹	•	•
Paddle shifters - transmission; steering wheel mounted	•	•
Shift By Wire (SBW), electronic gear shift control - push button type	•	•
Occupant comfort & convenience	Elite	Highlander
Upholstery/trim		
Leather ⁷ appointed seats w/ premium quilted upper insert pattern & contrasting 1st/2nd row seat piping ^{8,9}	•	-
Nappa Leather ⁷ appointed seats w/ luxury quilted upper insert pattern & contrasting 1st/2nd row seat piping ¹⁰	-	•
Leather ⁷ appointed steering wheel	•	-
Leather ⁷ appointed split two-tone (excluding black interior) steering wheel	-	•
Leather ⁷ appointed dash centre trim & console side trims	•	•
Leather ⁷ appointed centre console armrest/door armrests w/ real stitching	•	•
Leather ⁷ appointed door centre trims	•	-
Leather ⁷ appointed door centre trims w/ luxury quilted pattern & needle punch perforations	-	•
Carpet floor mat - cargo compartment	-	•
1st row		
Driver's seat - 10-way power adjustable (including 2-way lumbar support)	•	-
Driver's seat - 12-way power adjustable (including 2-way lumbar support & 2-way cushion extension) w/ seat change alert function	-	•
Passenger's seat - 4-way manual adjustable	•	-
Passenger's seat - 8-way power adjustable	-	•
12V power outlets - 2x (centre console)	•	•
USB C-type power outlets - 2x (centre console)	•	•
Wireless charging pad (Qi standard) ¹¹ - 1x (centre console)	•	•
2nd row		
Backrest recline function - 2-way manual; 2x	•	•
Seat base slide function - 2-way manual; 2x	•	•
Centre fold down armrest ³ - adjustable	•	•
Individual seat fold down armrests ² - adjustable	•	•
Grip handles - 2x	•	•
Wing-type adjustable headrests - 2x (outboard seats)	-	•
3rd row walk-in function switch; one-touch - 2x (lower seat side)	•	•
3rd row walk-in assist handle - 2x (C pillar)	•	•
12V power outlet - 1x (rear centre console)	•	•
USB C-type power outlets - 2x (front seat back)	•	•
3rd row		
Backrest recline function - 2-way manual; 2x	•	•
3rd row exit function switch; one-touch - 2x (2nd row seat outboard backrest upper)	•	•
3rd row exit assist grip - 2x (rear side trims)	•	•
USB C-type power outlets - 2x (rear side trims)	•	•
Windows/shades		
Acoustic laminated windshield glass	•	•
Solar control windshield and front door glass	•	•
Rear privacy glass	•	•

Glass sunroof; single front panel - with tilt & slide function and manual sunshade	•	•
Glass sunroof; fixed rear panel - with power sunshade	-	•
One touch window up & down function with anti-pinching safety feature - front & rear	•	•
Convenience opening/closing window function with Smart Key remote - front & rear	•	•
Variable speed power windows - soft opening/closing function - front & rear	•	•
Rear door window sunshades	-	•
Sun visors; extendable - driver and front passenger	•	•
Doors/cargo/tailgate		
Door entry scuff plates	•	•
Cargo area entry scuff plate	•	•
Smart Power Tailgate - hands-free opening and speed & height adjustable	•	•
12V power outlet - 1x (cargo area)	•	•
Vision & sight	Elite	Highlander
Interior mirror		
Frameless mirror	•	•
Electro-Chromatic Mirror (ECM) - auto-dimming	•	•
Digital Centre Mirror (DCM) - with full screen digital display	-	•
Rear conversation mirror	•	•
Exterior mirrors		
Heated	•	•
Power adjustable	•	•
Power folding with auto fold function	•	•
Instrument cluster/driving displays		
Head-Up Display (HUD) - 10.0" colour LCD display	-	•
Instrument cluster - 12.3" colour TFT-LCD full screen digital display, including: 4x display themes; Comfort, Eco, Sport & Cube	•	•
Ventilation & heating	Elite	Highlander
Air conditioning		
Dual Zone Climate control - front, including:	•	•
3-level Auto fan control (low, medium & high)	•	•
Auto internal air circulation function; windscreen washer based	•	•
Auto Defog function	-	•
Auto Dehumidify function	•	•
2nd row cooling/heating floor ducts - 2x	•	•
Single Zone Climate control - rear, including:	•	•
Digital control panel, 2nd row - with lock-out function	•	•
2nd / 3rd row cooling/heating diffusion type roof air vents - 4x	•	•
3rd row cooling/heating floor duct - 1x (right outboard floor)	•	•
1st row		
Heated seats	•	•
Ventilated seats	-	•
Heated steering wheel	-	•
Auto Comfort Control - auto activation of driver's heated/ventilated seat & heated steering wheel	-	•
2nd row		
Heated outboard seats	-	•

Ventilated outboard seats	-	•
Other features		
Cabin air filter	•	•
Heated rear window - with timer	•	•
PTC heater - electric heater ¹	•	•
Exterior styling	Elite	Highlander
Front		
Front grille - dark metallic chrome (including Hyundai badge)	•	-
Front grille - satin chrome/gloss black (including Hyundai badge)	-	•
Lower air intake grille - satin chrome/gloss black	-	•
Skid plate - medium silver metallic paint	•	-
Skid plate - satin chrome	-	•
Side		
Door frame & mirror base/lower cover/front surround - gloss black	•	•
Door frame/beltline moulding - satin chrome stainless steel	•	•
Exterior door handles - body colour	•	-
Exterior door handles - satin chrome	-	•
Body cladding - black natural finish	•	-
Body cladding - body colour	-	•
Lower side garnish insert - silver metallic paint	•	-
Lower side garnish insert - satin chrome	-	•
Rear		
Dual exhaust tips (single outlet) - chrome	•	•
Body cladding - black natural finish	•	-
Body cladding - body colour	-	•
Tail light garnish - silver metallic paint	•	-
Spoiler - body colour/gloss black, tailgate mounted	•	•
Skid plate - medium silver metallic paint	•	-
Skid plate - satin chrome	-	•
Other features		
Roof aerial (shark fin type) - gloss black	•	•
Roof rails - silver metallic paint	•	•
Interior styling	Elite	Highlander
Finishes		
Alloy effect finish; multimedia/climate dials, seat switches, shift-by-wire gear shift, steering wheel trim, paddle shifters & window switch ⁴ trim	•	•
Metallic effect finish; air vent/console trim, drive mode dial, door handles & door switches/switch panels ¹²	•	•
Materials		
Headlining, A/B/C pillar covers & sun visors - fabric knit	•	-
Headlining, A/B/C pillar covers & sun visors - suede	-	•
Front door lower speaker grille covers - stainless steel	-	•
Door entry scuff plates - stainless steel	-	•
Cargo area entry scuff plate - stainless steel	-	•
Lighting	Elite	Highlander
Exterior lighting - front		
Headlight functions - automatic dusk sensing with escort and welcome	•	•
Headlight type - dual projector beam LED (low beam) & single projector beam LED (high beam)	•	•

Positioning lights - LED	•	•
Daytime Running Lights (DRL) - LED	•	•
Turn signal lights - LED, hidden type	•	•
Exterior lighting - side		
Courtesy lights - LED, front door handles	•	•
Puddle lights - LED, side mirrors	•	•
Side repeaters - LED, side mirrors	•	•
Exterior lighting - rear		
Tail lights - full LED	•	-
Tail lights - full LED w/ hidden type light signature (tailgate mounted)	-	•
Positioning lights - LED	•	•
Brake lights - LED	•	•
Turn signal lights - LED	•	•
Reverse lights - LED	•	•
Fog light - LED - 1x	•	•
License plate lights - bulb type	•	•
High Mount Stop Light (HMSL) - LED	•	-
High Mount Stop Light (HMSL) - full width LED	-	•
Exterior lighting - others		
Manual headlight levelling function	•	•
Interior lighting - 1st row		
Centre console light - LED (lower storage area)	•	•
Front room lights including map lights - LED	•	•
Glovebox compartment light - LED	•	•
Vanity mirror lights - LED	•	•
Interior lighting - 2nd row		
Centre room light including map lights - LED	•	•
Interior lighting - 3rd row		
Cargo area light - LED	•	•
Interior lighting - others		
Interior light fade-out delay	•	•
Storage solutions		
	Elite	Highlander
1st row		
Cup holders - centre console 2x (retractable)	•	•
Glovebox compartment	•	•
Storage compartments - centre console 3x (main, upper & lower)	•	•
Removable storage tray - centre console 1x (main compartment)	•	•
Multimedia cable pass-through - centre console 1x (between main & lower compartments)	•	•
Ticket holders - 2x (sun visors)	•	•
2nd row		
Coat hook - 1x (right outboard)	•	•
Cup holders - 3x ³ (centre armrest)	•	•
Cup holders - 4x (door armrests)	•	•
Seat back pockets - 2x (front seats) w/ net pocket for personal electronics	•	•
Seat inner side net pockets - 2x ²	•	•
Seat belt holders - 2x (outboard seats)	•	•
Split flat-folding backrest - individual 50:50 ²	•	•
Split flat-folding backrest - 60:40 ³	•	•

3rd row		
Cup holders - 4x (side trims)	•	•
Seat belt holders - 2x (outboard seats)	•	•
Split flat-folding backrest - 60:40	•	•
Cargo area/Luggage compartment		
Cargo cover - dual position, retractable w/ underfloor storage capability	•	•
Luggage net	•	•
Luggage tie down points - 6x	•	•
Shopping bag hook - 1x (3rd row right outboard seat back)	•	•
Smart one-touch, split flat-folding seat backrest switch; 2nd row seats - 2x	•	•
Storage compartment - underfloor	•	•
Doors		
Bottle holders - 4x	•	•
Map pockets - 2x (front doors)	•	•
Exterior		
Roof rails	•	•
<p>Notes:</p> <ol style="list-style-type: none"> 1. Applicable to 2.2 CRDi AWD version only. 2. Applicable to 7 passenger version only. 3. Applicable to 8 passenger version only. 4. Applicable to Highlander variant only. 5. Apple CarPlay requires iPhone 5 or subsequent model (lightning cable) in order to operate. 6. Android Auto requires a device with Android 5.0 operating system or subsequent version in order to operate. 7. Finishes specified as leather may contain elements of genuine leather, polyurethane leather (leather substitute) or man-made materials, or a combination thereof. 8. Contrasting 1st row seat piping on Elite variant does not apply to headrests. 9. Contrasting 2nd row seat piping on Elite variant only applies to 7 seat version & does not apply to headrests. 10. Contrasting 2nd row seat piping on Highlander variant 8 seat version only applies to outboard headrests. 11. Wireless charging requires a Qi-enabled smartphone or adapter in order to operate. 12. Metallic effect finish door switch panels applicable to Elite variant only. <p>Key:</p> <ul style="list-style-type: none"> • = Feature is available on trim - = Feature is not available on trim 		