

Cayenne

Fuel and emissions

Fuel type	Super Plus (98 RON)
Fuel consumption combined	12.1 – 10.8 l/100 km
CO ₂ emissions combined (WLTP)	275 – 246 g/km
Emissions standard	EU6 EA
Fuel tank capacity (optional)	75 l (90 l)

Engine

Type	V6 turbo; with petrol particulate filter
Number of cylinders	6
Valves per cylinder	4
Displacement	2,995 cm ³
Bore	84.5 mm
Stroke	89.0 mm
Maximum power	260 kW (353 PS)
at engine speed	5,400 – 6,400 1/min
Maximum torque	500 Nm
at engine speed	1,450 – 4,500 1/min
Specific output	87 kW/l (118 PS/l)
Compression ratio	11.2:1
Maximum engine speed	6,500 1/min
Cooling system	Water cooling, thermal management with control thermostat and encased water pump
Valve control	VarioCam Plus: camshaft control on the inlet and outlet sides; valve lift switchover on the inlet side

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Power transmission

Drive system	Porsche Traction Management (PTM): active all-wheel drive with electronically controlled and map-controlled multi-plate clutch; variable torque distribution between the front and rear axles
Gearbox	Eight-speed Tiptronic S
Gear ratios	
1 st gear	5.00
2 nd gear	3.20
3 rd gear	2.14
4 th gear	1.72
5 th gear	1.31
6 th gear	1.00
7 th gear	0.82
8 th gear	0.64
Reverse gear	3.48
Rear-axle gear ratio	3.21

Chassis

Suspension and damping	Steel suspension including Porsche Active Suspension Management (PASM)
Front axle	Aluminium multi-link axle, independent suspension
Rear axle	Aluminium multi-link axle, independent suspension
Steering	Electromechanical power steering
Steering ratio	13.3:1 (centre position)
Turning circle diameter	12.1 m
Vehicle stability system	Porsche Stability Management (PSM) incl. ABS, ASR, ABD, EDC and Trailer Stability Management

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Brakes

Brake system	Hydraulic dual-circuit brake system with axle distribution; vacuum brake booster; electric duo-servo parking brake (EPB); auto-hold function; multi-collision brake; Porsche Hill Control (PHC)	
Front brakes	Six-piston aluminium monobloc fixed-calliper brakes; grey cast-iron discs, internally vented	
	Diameter	360 mm
	Thickness	36 mm
Rear brakes	Four-piston aluminium monobloc fixed-calliper brakes; grey cast-iron discs, internally vented	
	Diameter	330 mm
	Thickness	28 mm

Wheels and tyres

Front wheels and tyres	9 J x 20 ET 50 with 255/55 ZR 20 tyres	
Rear wheels and tyres	10.5 J x 20 ET 64 with 295/45 ZR 20 tyres	

Dimensions

Length	4,930 mm	
Width (including exterior mirrors)	1,983 mm (2,194 mm)	
Height	1,698 mm	
Wheelbase	2,895 mm	
Front track width	1,676 mm	
Rear track width	1,653 mm	

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Luggage compartment volume and weights

Luggage compartment volume	772 – 1,708 l
Unladen weight (DIN)	2,055 kg
Permissible gross weight	2,835 kg
Permissible trailer load (braked/unbraked)	3,500/750 kg
Maximum towball load	140 kg
Permissible roof load (with Porsche roof transport system)	100 kg

Performance

Top speed	248 km/h
Acceleration	
0 – 60 mph	5.7 s
0 – 60 mph with Launch Control	5.4 s
0 – 100 km/h	6.0 s
0 – 100 km/h with Launch Control	5.7 s
0 – 160 km/h	13.9 s
0 – 160 km/h with Launch Control	13.6 s
0 – 200 km/h	24.0 s
0 – 200 km/h with Launch Control	23.7 s

Aerodynamics

Drag coefficient (c_d)	0.35
Cross-sectional area A	2.84 m ²
$c_d \times A$	0,994 m ²