

Technical data**Cayenne Turbo**

Engine	
Type	V8 biturbo; with petrol particulate filter
No. of cylinders	8
Valves/cylinder	4
Displacement	3,996 cm ³
Bore	86.0 mm
Stroke	86.0 mm
Max. power output	404 kW (550 hp)
at engine speed	5,750 – 6,000 rpm
Max. torque	770 Nm
at engine speed	2,000 – 4,500 rpm
Max. output per litre	101.1 kW/l (137.6 hp/l)
Compression ratio	10.1:1
Maximum engine speed	6,800 rpm
Cooling system	Water cooling, thermal management with control thermostat and potted water pump
Valve control	VarioCam Plus with adaptive cylinder deactivation: camshaft adjustment on intake and exhaust sides; cylinder deactivation via two-stage sliding cams on intake and exhaust sides

The technical data may vary from country to country. All information refers to the EU model.

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Power transmission

Drive system	Porsche Traction Management (PTM): active all-wheel drive with electronically variable, map-controlled multi-plate clutch for variable torque distribution between front and rear axle
Transmission	Eight-speed Tiptronic S
Gear ratios	
1st gear	4.71
2nd gear	3.14
3rd gear	2.11
4th gear	1.67
5th gear	1.29
6th gear	1.00
7th gear	0.84
8th gear	0.67
Reverse gear	3.32
Axle ratio	2.95

Chassis

Suspension and damping	Adaptive three-chamber air suspension with Porsche Active Suspension Management (PASM)
Front axle	Aluminium multi-link suspension, independent wheel suspension
Rear axle	Aluminium multi-link suspension, independent wheel suspension
Steering	Electromechanical power steering; optional rear-axle steering
Steering ratio	13.3:1 (centre position); with RAS 12.2:1 (centre position)
Turning circle diameter	12.1 m; with rear-axle steering 11.5 m
Driving stability system	Porsche Stability Management (PSM) incl. ABS with extended brake functions; Trailer Stability Management

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Brakes

Brake system	Ten-piston aluminium monobloc fixed-calliper brakes at the front, four-piston aluminium monobloc fixed-calliper brakes at the rear
Brake discs, front axle	Porsche Surface Coated Brake (PSCB); grey cast iron, tungsten-carbide-coated, vented
Diameter	415 mm
Thickness	40 mm
Brake discs, rear axle	Porsche Surface Coated Brake (PSCB); grey cast iron, tungsten-carbide-coated, vented
Diameter	365 mm
Thickness	28 mm

Wheels and tyres

Wheels with tyres, front	9.5 J x 21 ET 46 with 285/40 ZR 21 tyres
Wheels with tyres, rear	11 J x 21 ET 58 with 315/35 ZR 21 tyres

Dimensions

Length	4,926 mm
Width (including exterior mirrors)	1,983 mm (2,194 mm)
Height	1,673 mm
Wheelbase	2,895 mm
Track width, front	1,687 mm
Track width, rear	1,670 mm

Luggage compartment volumes and weights

Luggage compartment volumes	745 – 1,678 l
Unladen weight (DIN)	2,175 kg
Allowable gross weight	2,935 kg
Allowable trailer load (braked/unbraked)	3,500/750 kg
Allowable hook load	140 kg
Allowable roof load (with Porsche DTS)	100 kg

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Driving performance

Top speed	286 km/h
Acceleration	
0–60 mph	3.9 s
0–60 mph with Sport Plus	3.7 s
0–100 km/h	4.1 s
0–100 km/h with Sport Plus	3.9 s
0–160 km/h	9.4 s
0–160 km/h with Sport Plus	9.2 s
0–200 km/h	14.8 s
0–200 km/h with Sport Plus	14.6 s

Fuel and emissions

Emissions standard	Euro 6d-ISC-FCM (EU6 AP)
Fuel type	Super Plus (98 RON)
Fuel consumption	
Urban	15.5 l/100 km
Extra-urban	9.3 l/100 km
Combined	11.6 l/100 km
CO₂ emissions	
Combined	264 g/km
Efficiency class in Germany	F
Fuel tank capacity	90 l

Aerodynamics

Drag coefficient c_d	0.35
Frontal area A	2.82 m ²
$c_d \times A$	0.987 m ²