

Technical Data**Cayenne Turbo Coupé**

Engine	
Type	V8 twin-turbo; with gasoline particulate filter
No. of cylinders	8
Valves/cylinders	4
Displacement	3,996 cm ³
Bore	86.0 mm
Stroke	86.0 mm
Max. power output	404 kW (550 PS)
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 PS/l)
Compression ratio	10.1:1
Max. 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 timing (intake & exhaust); cylinder shut-off via two-stage sliding cams on the intake and exhaust side

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

Cayenne Turbo Coupé

Power transmission

Drive system	Porsche Traction Management (PTM): Active all-wheel drive with electronically regulated, map-controlled multi-plate clutch, variable torque distribution between front and rear axle	
Transmission	8-speed Tiptronic S	
Gear ratios		
	1 st gear	4.71
	2 nd gear	3.14
	3 rd gear	2.11
	4 th gear	1.67
	5 th gear	1.29
	6 th gear	1.00
	7 th gear	0.84
	8 th gear	0.67
	Reverse gear	3.32
	Final-drive 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 suspension	
Rear axle	Aluminium multi-link suspension, independent suspension	
Steering	Electromechanical Power Steering Plus; optional rear-axle steering (RAS)	
Steering ratio	13.3:1 (centre position); with RAS 12.2:1 (centre position)	
Turning circle diameter	12.1 m; with RAS 11.5 m	
Vehicle stability system	Porsche Stability Management (PSM) with ABS, ASR, ABD, EDTC and Trailer Stability Management	

Cayenne Turbo Coupé

Brakes

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

Wheels and tyres

Wheels and tyres, front	9.5 J x 21 ET 46 with tyres 285/40 ZR 21
Wheels and tyres, rear	11 J x 21 ET 49 with tyres 315/35 ZR 21

Dimensions

Length	4,939 mm
Width (with door mirrors)	1,989 mm (2,194 mm)
Height	1,653 mm
Wheelbase	2,895 mm
Track width, front	1,687 mm
Track width, rear	1,688 mm

Luggage volumes and weights

Luggage volumes	565 – 1,480 l
Unladen weight (DIN)	2,200 kg
Allowable gross weight	2,915 kg
Allowable towing capacity (braked/unbraked)	3,500/750 kg
Allowable drawbar load	140 kg
Allowable roof load (with Porsche roof transport system)	75 kg

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Cayenne Turbo Coupé

Performance

Top speed	286 km/h
Acceleration	
0 – 60 mph	3.7 s
0 – 100 km/h	3.9 s
0 – 160 km/h	9.2 s
0 – 200 km/h	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	0.34
Frontal area A	2.83 m ²
$c_d \times A$	0.962 m ²