

Technical data

NEDC: Combined fuel consumption: 11.9 l/100 km; Combined CO₂ emissions: 271 g/km
WLTP: Combined fuel consumption: 14.1 l/100 km; Combined CO₂ emissions: 319 g/km

Cayenne Turbo GT

Engine	
Type	V8 biturbo; with gasoline particulate filter
No. of cylinders	8
Valves/cylinder	4
Displacement	3,996 cc
Bore	86.0 mm
Stroke	86.0 mm
Max. power output	471 kW (640 PS)
at engine speed	6,000 rpm
Max. torque	850 Nm
at engine speed	2,300 – 4,500 rpm
Max. power output per litre	117.9 kW/l (160.2 PS/l)
Compression ratio	9.7:1
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 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.

Cayenne Turbo GT

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 axles; Porsche Torque Vectoring Plus (PTV Plus) with electronic rear differential lock	
Transmission	Eight-speed Tiptronic S	
Gear ratio		
	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 including Porsche Active Suspension Management (PASM) with sports set-up and lowering; Porsche Dynamic Chassis Control (PDCC) active anti-roll stabilisation	
Front axle	Aluminium multi-link axle, independent wheel suspension	
Rear axle	Aluminium multi-link axle, independent wheel suspension	
Steering	Electromechanical power steering Plus; optional rear-axle steering (RAS)	
Steering ratio	12.2:1 (centre position)	
Turning circle diameter	11.6 m	
Vehicle stability system	Porsche Stability Management (PSM) with ABS, ASR, ABD, EDTC	

Technical data**Cayenne Turbo GT****Brakes**

Brake system	Porsche Ceramic Composite Brake (PCCB); dual circuit brake system with axle-based distribution; brake booster; braking assistant; electric duo-servo parking brake
Brake discs, front axle	Ten-piston aluminium monobloc fixed calliper brakes; cross-drilled and internally vented ceramic composite brake discs with aluminium brake pots
Diameter	440 mm
Thickness	40 mm
Brake discs, rear axle	Four-piston aluminium monobloc fixed calliper brakes; cross-drilled and internally vented ceramic composite brake discs with aluminium brake pots
Diameter	410 mm
Thickness	32 mm

Wheels and tyres

Wheels with tyres, front	10.5 J x 22 RO 49 with 285/35 ZR 22 performance tyres
Wheels with tyres, rear	11.5 J x 22 RO 52 with 315/30 ZR 22 performance tyres

Dimensions

Length	4,942 mm
Width (with exterior mirrors)	1,995 mm (2,194 mm)
Height	1,636 mm
Wheelbase	2,895 mm
Track width, front	1,689 mm
Track width, rear	1,686 mm

Luggage compartment volume and weights

Luggage compartment volume	549 – 1,464 l
Unladen weight (DIN)	2,220 kg
Permissible gross weight	2,765 kg
Permissible roof load (with Porsche roof transport system)	75 kg

Technical data**Cayenne Turbo GT****Performance**

Top speed	300 km/h
Acceleration	
0 – 60 mph	3.1 s
0 – 100 km/h	3.3 s
0 – 160 km/h	7.7 s
0 – 200 km/h	12.2 s

Fuel and emissions

Emissions standard	Euro 6d-ISC-FCM (EU6 AP)
Fuel type	Super Plus (98 RON)
Consumption (NEDC)	
Urban	16.6 l/100 km
Extra-urban	9.1 l/100 km
Combined	11.9 l/100 km
CO₂ emissions (NEDC)	
Combined	271 g/km
Fuel consumption (WLTP)	
Combined	14.1 l/100 km
CO₂ emissions (WLTP)	
Combined	319 g/km
Efficiency class Germany	F
Fuel tank capacity	90 l

Aerodynamics

Drag coefficient C_d	0.36
Frontal area A	2.84 m ²
C_d x A	1.022 m ²