

# 911 Carrera

## Fuel and emissions (WLTP)

Fuel consumption, combined	10.7 – 10.1 l/100 km
CO <sub>2</sub> emissions, combined	244 – 230 g/km
CO <sub>2</sub> class	G
Emissions standard	EU6 EA
Fuel type	Super Plus (98 RON)
Fuel tank capacity (optional)	63 l (84 l)

## Engine

Type	Six-cylinder twin-turbo boxer engine; gasoline particulate filter (GPF)
Number of cylinders	6
Valves per cylinder	4
Displacement	2,981 cm <sup>3</sup>
Bore	91.0 mm
Stroke	76.4 mm
Maximum power	290 kW (394 PS)
at engine speed	6,500 1/min
Maximum torque	450 Nm
at engine speed	2,000 – 5,000 1/min
Specific output	96 kW/l (131 PS/l)
Compression ratio	10.2:1
Maximum engine speed	7,500 1/min
Cooling system	Water cooling and thermal management
Valve control	VarioCam Plus: variable valve timing on the inlet and outlet sides; valve-lift changeover on the inlet side

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## Power transmission

Drive system	Rear-wheel drive
Gearbox	Eight-speed dual-clutch transmission (PDK)
Gear ratios	
1 <sup>st</sup> gear	4.89
2 <sup>nd</sup> gear	3.17
3 <sup>rd</sup> gear	2.15
4 <sup>th</sup> gear	1.56
5 <sup>th</sup> gear	1.18
6 <sup>th</sup> gear	0.94
7 <sup>th</sup> gear	0.76
8 <sup>th</sup> gear	0.61
Reverse gear	3.99
Rear-axle gear ratio	3.12

## Chassis

Suspension and damping	Steel suspension and Porsche Active Suspension Management (PASM): electronically controlled damping system with two manually selectable driving modes (NORMAL and SPORT)
Front axle	MacPherson strut with wheels independently suspended on wishbones, trailing arms and spring struts; anti-roll bar
Rear axle	Lightweight multi-link axle with wheels guided independently on five arms, anti-roll bar
Steering	Electromechanical power steering with variable steering ratio and steering impulse
Steering ratio	15.0:1 (on-centre)
Turning circle diameter	11.2 m
Vehicle stability system	Porsche Stability Management (PSM) including anti-lock braking system (ABS) with extended braking functions

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## Brakes

Brake system	Hydraulic dual-circuit brake system split by axle; electric brake booster; electromechanical parking brake; auto hold function; multi-collision brake
Front brakes	Six-piston aluminium monobloc fixed-calliper brakes; grey cast-iron discs, internally vented and cross-drilled
Diameter	350 mm
Thickness	34 mm
Rear brakes	Four-piston aluminium monobloc fixed-calliper brakes; grey cast-iron discs, internally vented and cross-drilled
Diameter	350 mm
Thickness	28 mm

## Wheels and tyres

Front wheels and tyres	8.5 J x 19 ET 52 with 235/40 ZR 19 tyres
Rear wheels and tyres	11.5 J x 20 ET 81 with 295/35 ZR 20 tyres

## Dimensions

Length	4,542 mm
Width (including exterior mirrors)	1,852 mm (2,033 mm)
Height	1,302 mm
Wheelbase	2,450 mm
Front track width	1,597 mm
Rear track width	1,551 mm

## Luggage compartment volume and weights

Luggage compartment volume	135 l / 373 l
Unladen weight (DIN)	1,520 kg
Permissible gross weight	1,860 kg
Permissible roof load (with Porsche roof transport system)	75 kg

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## Performance

Top speed	294 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	9.2 s
0-160 km/h with Sport Plus	8.9 s
0 – 200 km/h	14.4 s
0-200 km/h with Sport Plus	14.1 s

## Aerodynamics

Drag coefficient ( $c_d$ )	0.30
Frontal area A	2.07 m <sup>2</sup>
$c_d \times A$	0.621 m <sup>2</sup>