

The new
BMW 5 Series
Gran Turismo

530d
535i
550i



The Ultimate
Driving Machine



THE NEW BMW 5 SERIES GRAN TURISMO.
THE FIRST OF ITS KIND.

■ Standard equipment □ Optional equipment – Not available NCO No Cost Option

Safety	530d	535i	550i
Active headrests, front	■	■	■
Airbags:			
– Airbags for driver and front passenger, seat occupancy detector for front passenger airbag	■	■	■
– Head airbags, front and rear (curtain)	■	■	■
– Side airbags, front	■	■	■
Brakes:			
– Disc brakes front and rear, inner-vented	■	■	■
Central locking with electronic immobiliser, crash sensor, fuel tank filler flap integrated in central locking	■	■	■
Dynamic Braking lights with flashing function	■	■	■
Dynamic Stability Control (DSC) , incl. Traction Mode (DTC), Anti-lock Braking System (ABS), CBC and Brake Assistant	■	■	■
ISOFIX child seat attachment in the rear	■	■	■
Run-flat indicator	■	■	■
Safety battery terminal	■	■	■
Seat belts:			
– Inertia-reel seat belts in the front with pyrotechnical belt latch tensioner and adaptive belt force limiter	■	■	■
– Rear seat belt system with three-point inertia-reel seat belts	■	■	■
Safety bodysHELL:			
– Side impact protection	■	■	■
– Crumple zones front and rear, bumpers regenerating in impacts up to 6 km/h	■	■	■

Exterior design	530d	535i	550i
BMW Individual High-gloss shadow line	□	□	□
Metallic paintwork	■	■	■
Ornamental front grille chrome surround, kidney grille slats in chrome at front, black at sides	■	■	–
Ornamental front grille , chrome surround, kidney grille slats in chrome	–	–	■

Wheels	530d	535i	550i
Wheels:			
– Light-alloy wheels double-spoke 234, 8 J x 18-inch, 245/50 R 18 run-flat safety tyres	■	–	NCO
– Light-alloy wheels turbine styling 271, 8 J x 18-inch, 245/50 R 18 run-flat safety tyres	□	NCO	NCO
– Light-alloy wheels star-spoke 272 with mixed run-flat safety tyres, front 8.5 J x 19-inch with 245/45 R 19 tyres, rear 9.5 J x 19-inch with 275/40 R 19 tyres	□	■	–
– Light-alloy wheels multi-spoke 235 with mixed run-flat safety tyres, front 8.5 J x 19-inch with 245/45 R 19 tyres, rear 9.5 J x 19-inch with 275/40 R 19 tyres	□	□	NCO
– Light-alloy wheels Y-spoke 315 with mixed run-flat safety tyres, front 8.5 J x 19-inch with 245/45 R 19 tyres, rear 9.5 J x 19-inch with 275/40 R 19 tyres	□	□	NCO
– Light-alloy wheels double-spoke 316 with mixed run-flat safety tyres, front 8.5 J x 20-inch with 245/40 R 20 tyres, rear 10 J x 20-inch with 275/35 R 20 tyres	□	□	□
– Light-alloy wheels double-spoke 253 with mixed run-flat safety tyres, front 8.5 J x 20-inch with 245/40 R 20 tyres, rear 10 J x 20-inch with 275/35 R 20 tyres	□	□	■
Run-flat safety tyres	■	■	■

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Interior design	530d	535i	550i
Interior trims:			
– Fine-wood trim Ash Grain, high-gloss, light	NCO	NCO	NCO
– Fine-wood trim Ash Grain, high-gloss, dark	■	■	■
– Fine-wood trim Ash Grain Anthracite, high-gloss	NCO	NCO	NCO
– Fine-wood trim Finesline natural	NCO	NCO	NCO
Upholstery:			
– Dakota leather ¹	■	■	■
– Exclusive Nappa leather, extended	□	□	□

Transmission and technology	530d	535i	550i
8-speed automatic transmission , electric gear selector switch, Adaptive Transmission Management	■	■	■
Active Cruise Control² with Stop & Go function	□	□	□
Adaptive Drive (Dynamic Damping Control and Dynamic Drive)	□	□	□
Aluminium integral rear axle	■	■	■
BMW six-cylinder in-line diesel engine with exhaust turbocharger	■	–	–
BMW TwinPower Turbo eight-cylinder petrol engine	–	–	■
BMW TwinPower Turbo six-cylinder in-line petrol engine	–	■	–
Brake Energy Regeneration	■	■	■
Diesel particle filter	■	–	–
Double-joint spring strut front axle	■	■	■
Double-VANOS	–	■	■
Dynamic Driving Control	■	■	■
Integral Active Steering	□	□	□
Parking brake with auto-hold function , electromechanical	■	■	■
Petrol direct injection	–	■	■
TwinPower Turbo	–	■	■
Valvetronic	–	■	–

BMW driver assistance systems	530d	535i	550i
BMW Night Vision with pedestrian recognition	□	□	□
Cruise Control with braking function	■	■	■
High-beam assistant	■	■	■
Head-up Display	■	■	■
Lane Change Warning System	□	□	□
Lane Departure Warning System	□	□	□
Park Distance Control (PDC) front and rear with visual and acoustic feedback	■	■	■
Rear view camera	■	■	■
Side View camera	□	□	□

¹ Dakota leather upholstery comprises leather front panels of seats, front panels of headrests and outer and front centre armrests.

² Planned availability as of first quarter 2010.

■ Standard equipment □ Optional equipment – Not available

Light and sight	530d	535i	550i
BMW Individual sun protection glazing	□	□	□
Adaptive Headlights with variable light distribution and turning lights	■	■	■
Ambient light incl. vicinity lighting	■	■	■
Exterior mirrors , aspheric, electrically adjustable, with active heating (determined by outside temperature)	■	■	■
Fog lights in ellipsoid free-form technology	■	■	■
Headlight washing system	■	■	■
Interior and exterior mirrors , with automatic anti-glare function, incl. fold-in function for exterior mirrors	□	■	■
LED light rings	■	■	■
Lights package contains reading lights at rear, footwell lights, front and rear ambient light, luggage compartment lighting and exit lights	■	■	■
Rain sensor , incl. driving lights and windscreen wiper control with fogging sensor	■	■	■
Xenon Headlights for high and low beam, incl. automatic headlight range control	■	■	■
Interior	530d	535i	550i
On-board computer , incl. check control and external temperature in the Info Display (5.7-inch for 530d and 9.2-inch for 535i and 550i)	■	■	■
Panorama glass roof	■	■	■
Partition wall , 40:20:40 ratio	■	■	■
Service interval indicator in the Info Display	■	■	■
Seats/seat comfort:			
– Active seat ventilation front	□	□	■
– Active seat ventilation rear	□	□	□
– Active seats for driver and front passenger, electric	□	□	□
– Comfort seats for driver and front passenger, electric	□	□	■
– Comfort seats in the rear, electric, incl. control in luggage compartment (vehicle becomes a 4 seater)	□	□	□
– Lumbar support for driver and front passenger seats, electrically adjustable	■	■	■
– Rear seat bench, lengthwise manually adjustable	■	■	■
– Rear backrests, manually inclinable	■	■	■
– Seat adjustment, electric, with memory function for driver and front passenger seats	■	■	■
– Seat heating for driver and front passenger seats	□	■	■
– Seat heating in the rear	□	□	□
– Standard seats	■	■	–
Steering wheels:			
– Leather steering wheel with multifunction buttons, incl. radio and telephone control	■	■	■
– Sports leather steering wheel with multifunction buttons	□	□	□
– Steering wheel heating	□	□	□
Ski and snowboard bag	□	□	□
Sunblind:			
– Rear side windows, electric*	□	□	■
Sun-protection glazing all round	■	■	■

■ Standard equipment □ Optional equipment – Not available

Comfort and interior equipment	530d	535i	550i
Alarm system with remote control	□	□	■
Armrest front with storage compartment	■	■	■
Automatic air conditioning with 4-zone control	■	■	■
Automatic tailgate operation	■	■	■
Comfort access system	■	■	■
Cupholders front/rear	■	■	■
Soft Close Automatic system for tailgate	■	■	■
Soft Close Automatic system for doors	□	□	□
Tailgate , split, with automatic operation	■	■	■

Entertainment, communication and information	530d	535i	550i
Control Display:			
– 7-inch	■	–	–
– 10.2-inch (only in conjunction with Navigation system Professional or TV function)	□	■	■
Controller on centre console , incl. one-touch keys	■	■	■
HiFi loudspeaker system	■	■	–
HiFi system Professional	□	□	■
Integrated owner's handbook	■	■	■
Navigation system Business with 7-inch Control Display, CD drive, eight favourite buttons and iDrive Controller with one-touch keys, integrated navigation data storage with arrow map display and bird's-eye view	■	–	–
Navigation system Professional with 10.2-inch Control Display, DVD drive, eight favourite buttons and iDrive Controller with one-touch keys, hard disk drive for maps and audio data, 3D map display, bird's-eye view option and arrow display	□	■	■
Radio/audio:			
– AUX-IN connection in the centre console	■	■	■
– DVD changer for six DVDs/CDs	■	■	■
– Extended connection of mobile phone music player	□	□	□
– Radio BMW Professional with CD drive (DVD drive for 535i and 550i)	■	■	■
– USB/audio interface	■	■	■
Rear seat entertainment system* , incl. two inclinable monitors (8-inch)	□	□	□
Rear seat entertainment system Professional* , incl. two inclinable monitors (9.2-inch)	□	□	□
Telephone:			
– Mobile phone preparation with Bluetooth interface	■	■	■
TV function for analogue and digital reception (DVB-T)	□	□	■
Voice control system	□	■	■

* Whilst fitment and use of in-car entertainment systems is permissible under State Road regulations, the application of the laws pertaining to potential driver distractions may vary from state to state. To avoid any risk of non-compliance, we strongly recommend that BMW DVD systems be installed in conjunction with rear/side window sunblinds. Mechanical roller sunblinds for rear side windows are available as an option and Genuine BMW Accessory sunblinds are available for rear application on the majority of BMW models. When used in conjunction with DVD systems, sunblinds offer the additional benefit of enhancing visibility of on-screen images, particularly in bright conditions.

Weight		530d	535i	550i
Kerb Weight ¹	kg	1960	1940	2060
Max. permissible	kg	2590	2570	2690
Permitted load	kg	630	630	630
Permitted axle load front/rear	kg	1180/1475	1165/1470	1245/1500
Permitted roof load	kg	75	75	75
Permitted trailer load, unbraked	kg	750	750	750
Permitted trailer load, braked, max. 12% gradient	kg	2100	2100	2100
Permitted trailer load, braked, max. 8% gradient	kg	2100	2100	2100
Permitted towbar download	kg	100	100	100

Engine²		530d	535i	550i
Cylinders/valves		6/4	6/4	8/4
Capacity	cc	2993	2979	4395
Stroke/bore	mm	90.0/84.0	89.6/84.0	88.3/89.0
Output/engine speed	kW/rpm	180/4000	225/5800	300/5500
	(hp/rpm)	(245/4000)	(306/5800)	(407/5500)
Max. torque/engine speed	Nm/rpm	540/1750–3000	400/1200–5000	600/1750–4500
Compression ratio	:1	16.5	10.2	10.0

Transmission		530d	535i	550i
Standard transmission ratios	III/III:1	4.70/3.13/2.10	4.70/3.13/2.10	4.70/3.13/2.10
	IV/V/VI:1	1.67/1.29/1.00	1.67/1.29/1.00	1.67/1.29/1.00
	VII/VIII/R:1	0.84/0.67/3.30	0.84/0.67/3.30	0.84/0.67/3.30

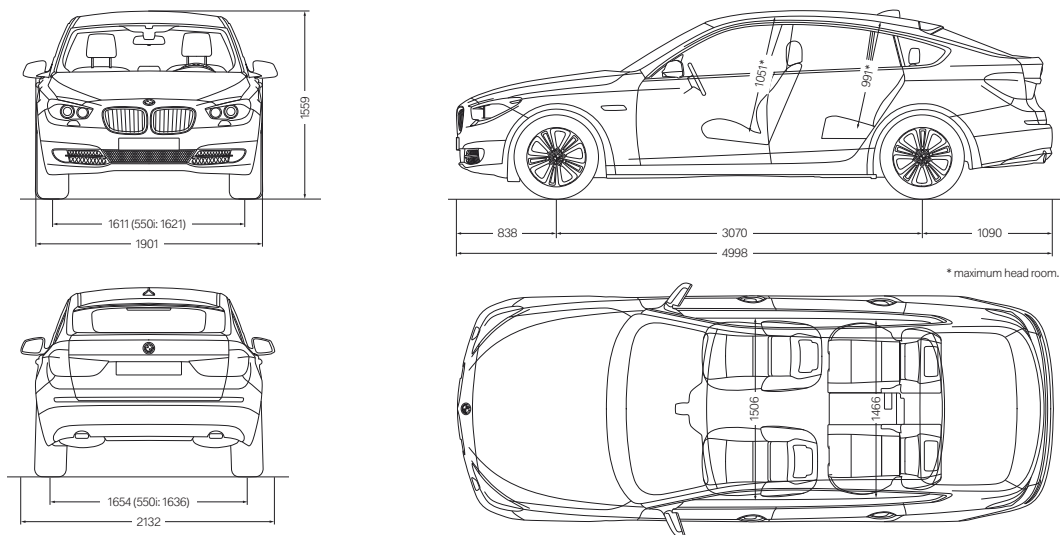
Performance		530d	535i	550i
Top speed	km/h	240	250 ⁴	250 ⁴
Acceleration 0–100 km/h	sec	6.9	6.3	5.5

Fuel consumption^{2,3}		530d	535i	550i
City	l/100 km	8.1	12.3	16.2
Highway	l/100 km	5.6	6.9	8.3
Combined	l/100 km	6.5	8.9	11.2
CO ₂ emissions	g/km	173	209	263
Tank capacity, approx.	l	70	70	70

Please see the following page for explanation on footnotes.

Wheels	530d	535i	550i
Tyre dimensions	245/50 R 18	245/45 R 19 275/40 R 19	245/40 R 20 275/35 R 20
Wheel dimensions	8 J x 18	8.5 J/9.5 J x 19	8.5/10 J x 20
Material	Light-alloy	Light-alloy	Light-alloy

Electrical system	530d	535i	550i
Battery capacity	Ah 90	90	90
Alternator output	A 180	180	180
	W 2520	2520	2520



All dimensions in the technical drawings are given in millimetres.

Luggage compartment volumes:

Rear seats all the way back/partition wall locked in 440 litres, rear seats all the way forward/partition wall vertical 590 litres, rear seats and partition wall folded down 1,700 litres.

¹ The Kerb Weight or Unladen Mass is the mass of the vehicle in running order unoccupied and unladen with all fluid reservoirs filled to nominal capacity including fuel, and with all standard equipment.

² BMW recommends the use of RON 95 super unleaded petrol. Unleaded RON 91 and higher with a maximum ethanol content of 10% (E10) may also be used. Output and consumption figures apply to RON 98 fuel.

³ All engines conform to the EU5 standard. Fuel consumption is determined according to the ECE combined cycle (93/116/EG) in which approx. one third of the distance covered is in urban traffic and two thirds is extra-urban.

CO₂ emissions are measured in addition to fuel consumption. Consumption figures apply to cars with standard equipment. Optional extras (e.g. wider tyres) may affect consumption significantly.

⁴ Electronically limited.