

The BMW 7 Series



745i  
745Li  
760Li

The Ultimate  
Driving Experience™







A new spirit in the cockpit: intuition.



Whether V8 or V12 –  
the 7 Series is driven by the power of the mind.

There is only one alternative to the 7 Series: the 7 Series.





Being unique is the biggest luxury life has to offer.



## Equipment.



■ **Multi-function steering wheel** offers convenient operation of numerous functions without taking your eyes off of the road or your hands off the steering wheel. Telephone functions, radio adjustment and STEPTRONIC, as well as many other functions, are accessible through the buttons on the steering wheel.



□ **Sport leather steering wheel** with three spokes offers a sporty design for perfect handling and control. Buttons are integrated for STEPTRONIC and radio, as well as the telephone, voice and audio control. (Available only on the 745i and 745Li with Sport Package.)



■ **Start/Stop button** for starting the car together with the remote control. Drivers insert the remote control into the starter switch until it rests in position. After receiving authorization, they can start/stop their BMW simply by pressing a button.



■ **Six-speed automatic transmission** with electronic gearshift and STEPTRONIC. You operate the transmission via the switch on the steering column or the STEPTRONIC buttons on the steering wheel. Electric shift-by-wire transmission allows a very quick and absolutely faultless shift of gears in the interest of supreme driving dynamics.



■ **Control Display** in LCD technology with screen. Using the Controller, you can present all functions masterminded by iDrive on the Control Display – for example, route information or other items such as the radio program or information from the on-board computer.



■ **Navigation System** presents information in the dazzle-free Control Display, including the BMW Professional radio. Driving information is provided by the voice computer, with further data added by the direction arrow (on the Info display) or map.



■ **The Controller** serves as the principal iDrive entry unit. Operating this rotary / push button intuitively with just one hand, you can activate and mastermind numerous functions via the Control Display. Menu guidance is oriented following the four directions of the compass, with four submenus to choose from: Climate, Communications, Navigation and Entertainment.



■ **CD changer** fitted above the glove compartment for easy and convenient use. Accommodates up to 6 CDs.

## Equipment.



■ **Double Spoke alloy wheels** (all-season tires) - Style 93, 18 x 8, 245/50R-18 (Available only on the 745i and 745Li.)



□ **V-spoke alloy wheels, style 126**, 9 x 19, 245/45R-19 performance tires at the front, 10 x 19" with 275/40 R-19 performance tires at the rear. (Available only on the 745i and 745Li with Sport Package.)



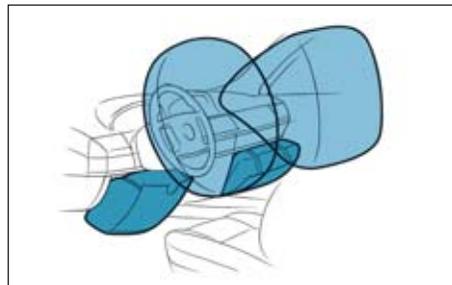
□ **Star Spoke alloy wheels** (with performance tires) - Style 95, 19 x 9 front, 245/45R-19; 19 x 10 rear, 275/40R-19 (Available only on the 745i and 745Li.)



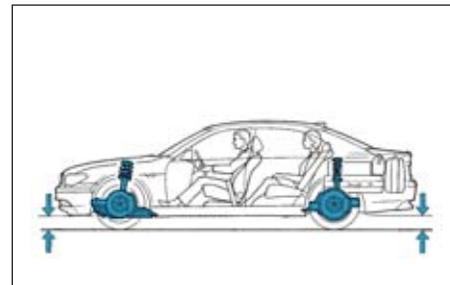
■ **Parallel spoke alloy wheels, style 89**, 9 x 19" with 245/45R-19 performance tires at the front, 10 J x 19" with 275/40R-19 performance tires at the rear. (Available only on the 760Li.)



□ **Cooling box**, included with the rear air conditioning system, is accessible when the centre armrest is folded down, and provides capacity for one or two suitable drink bottles and some snacks. (Available only on the 745Li and 760Li.)



■ **Active knee protection** is an advanced unique new safety feature. Located in the lower dashboard, it is activated in a frontal crash, adding further protection to the restraint system for front seat occupants.



□ **Electronic Dampening Control** reduces squat movement when braking and body movement when driving over uneven road surfaces or when taking bends or accelerating. Automatically adjusts to the optimum level of damping force for road conditions.

## Standard Equipment | Optional Equipment

Safety	745i	745Li	760Li
<b>Active Cruise Control (ACC)</b>	□	□	□
<b>Adaptive Brakelight technology</b>	■	■	■
<b>Airbags:</b>			
– Active Knee Protection System, front	■	■	■
– Driver and front passenger Impact-Dependent (ID) airbag system; seat occupancy detector for front passenger airbag	■	■	■
– Advanced Head Protection System (HPS), for driver and front passenger	■	■	■
– Side thorax airbags, front	■	■	■
– Side thorax airbags, rear	□	□	■
– SMART airbag deployment system	■	■	■
<b>Alarm system</b> with remote control and interior motion sensor	■	■	■
<b>Anti-lock Brake System (ABS)</b>	■	■	■
<b>Battery Safety Terminal (BST)</b>	■	■	■
<b>BMW Assist Safety and Security</b> telematics service package (free one-year subscription)*	■	■	■
<b>Brakes:</b>			
– Brake wear display	■	■	■
– Disc brakes at the front with aluminum swing calipers, inner-vented	■	■	■
– Disc brakes at the rear with grey cast iron swing calipers, inner-vented	■	■	■
– Electromechanical parking brake with Automatic Hold	■	■	■
<b>Central locking</b> with electronic immobilizer, crash sensor; tank filler flap integrated in central locking	■	■	■
<b>Centre lock switch</b>	■	■	■
<b>Coded Drive-away Protection</b>	■	■	■
<b>Crash-optimized safety steering wheel column</b>	■	■	■
<b>Dynamic Stability Control (DSC)</b> incl. Dynamic Traction Control (DTC) and Dynamic Brake Control (DBC)	■	■	■
<b>Electronic Brake-force Distribution (EBD)</b>	■	■	■
<b>Emergency call function</b>	■	■	■
<b>Foglights</b> in ellipsoid free-form technology	■	■	■
<b>High-pressure headlight cleaning system</b>	■	■	■
<b>Intelligent Safety and Information System (ISIS)</b>	■	■	■
<b>Interlocking door anchoring system</b>	■	■	■
<b>Park Distance Control (PDC)</b> front and rear, with visual message	□	□	■

Safety	745i	745Li	760Li
<b>Safety body:</b>			
– Deformation zones front and rear, door reinforcements made of aluminum, bumpers regenerating to their original shape in impacts up to 6 km/h	■	■	■
<b>Seat belts:</b>			
– Belt height adjustment on the B-pillar, automatic	■	■	■
– Inertia-reel seat belts at the front with pyrotechnical belt latch tensioner, adaptive belt force limiter and belt restrainer	■	■	■
– Rear seat belt system with three-point inertia-reel seat belts and terminal position tightener	■	■	■
<b>SERVOTRONIC vehicle-speed-sensitive power steering</b>	■	■	■
<b>Side impact protection and roof crossbar</b>	■	■	■
<b>Windshield wipers with integrated heated wash nozzles</b>	■	■	■
<b>Xenon headlights for the low and high beam</b> , incl. dynamic headlight range control	■	■	■

\* See your local BMW Retailer for details.

■ Standard □ Optional – Not Available

## Standard Equipment | Optional Equipment

Engine	745i	745Li	760Li
<b>V8 engine</b> with four-valve technology	■	■	-
<b>V12 engine</b> with direct fuel injection	-	-	■
<b>Cylinder-specific anti-knock control</b>	■	■	■
<b>Digital Motor Electronics</b>	■	■	■
<b>Distributor system</b> , solid-state	■	■	■
<b>Double-VANOS</b> steplessly variable valve timing	■	■	■
<b>Fully electronic "drive-by-wire" throttle system</b>	■	■	■
<b>Fully Variable Intake System</b>	■	■	■
<b>Light-alloy cylinder head</b>	■	■	■
<b>On-board diagnosis</b>	■	■	■
<b>START/STOP button</b> with Comfort Start	■	■	■
<b>Three-way catalytic converter</b> , heated oxygen sensor, activated carbon filter, controlled tank purge	■	■	■
<b>Valvetronic®</b> engine control	■	■	■

### Transmission/Suspension

<b>6-speed automatic transmission</b> with STEPTRONIC (control buttons in the steering wheel)	■	■	■
<b>Anti-roll stabilizer bars</b> , front and rear	■	■	■
<b>Aluminum integral rear axle</b> (patented multi-arm axle principle)	■	■	■
<b>Dynamic Drive</b> (Active Roll Stabilization)	■	■	■
<b>Electronic Dampening Control (EDC+K)</b>	□	□	■
<b>Lightweight double-joint spring-strut front axle</b> with aluminum track control arms	■	■	■
<b>Self-levelling rear air suspension</b>	□	□	■
<b>Shift-by-wire transmission technology</b> with Adaptive Transmission Management (ATM)	■	■	■

Interior Equipment	745i	745Li	760Li
<b>Armrest</b> at the front with storage box, temperature controlled and lockable	■	■	■
<b>Armrests</b> in the doors with integrated closing handles	■	■	■
<b>Automatic air conditioning with microfilter</b> , solar sensor and Automatic Air Recirculation (AAR)	■	■	■
<b>Automatic climate control</b> , rear, including cooling box	-	□	□
<b>BMW Mobile phone system</b> incl. telecommander	■	■	■
<b>CD Changer</b> above the glove compartment for six CDs	■	■	■
<b>Centre armrest</b> at the rear	■	■	■
<b>Controller on tunnel console</b> for operating secondary vehicle functions	■	■	■
<b>Cruise control</b> , programmable for six speed settings	■	■	■
<b>Cupholders at the front and rear</b>	■	■	■
<b>Door entry sill with illuminated V12 logo</b>	-	-	■
<b>Floor of passenger compartment</b> finished in velour, driver's footrest integrated in side lining	■	■	■
<b>Glass sunroof</b> , electrically adjustable	■	■	■
<b>Glove compartment</b> , illuminated	■	■	■
<b>Headrests</b> at the rear with manual adjustment for height at the outside	■	■	■
<b>Heated windshield wiper parking area</b>	■	■	■
<b>Hi-Fi Audio system, 10 speakers</b> (incl. 2 subwoofers)	■	■	-
<b>Harman/Kardon LOGIC7 Sound System, 13 speakers</b> (incl. 2 subwoofers)	□	□	■
<b>Indirect illumination</b> of the centre console	■	■	■
<b>Info display</b> , analog instruments combined with LCD	■	■	■
<b>Interior lights</b> front and rear with "soft" on/off function	■	■	■
<b>Interior rearview mirror</b> with automatic anti-dazzle function	■	■	■
<b>Interior Trims:</b>			
- Ash Grain high-gloss, dark/light	□	□	-
- Burr Walnut high-gloss	-	-	■
- Cherry matte, dark/light	■	■	-
- Vavona Grey matte	□	□	-

## Standard Equipment | Optional Equipment

Interior Equipment	745i	745Li	760Li
<b>"LIGHTS ON?" warning</b>	■	■	■
<b>Multi-function leather steering wheel, heated</b>	■	■	■
<b>Navigation System</b> , integrated in iDrive system	■	■	■
<b>On-board computer</b> incl. Check Control in info display	■	■	■
<b>Outside temperature display</b>	■	■	■
<b>Pockets</b> on front-seat backrests at the rear	■	■	■
<b>Radio:</b>			
– BMW Business CD, AM/FM stereo with RDS	■	■	■
<b>Reading lamps</b> front and rear	■	■	■
<b>Seats/seating comfort:*</b>			
– Seat ventilation at the front	□	□	■
– Seat ventilation at the rear	□	□	■
– Active seat for driver, electric	□	□	■
– Front seats, 14-way driver, 12-way passenger electrically adjustable, incl. driver memory and lumbar support	■	–	–
– Comfort seats for driver and front passenger, 20-way electrically adjustable, incl. active headrests, driver and passenger memory and lumbar support	□	■	■
– Comfort seats, rear, 14-way electrically adjustable	□	□	■
– Seat heating at the rear	□	□	■
– Seat heating for driver and front passenger seats	■	■	■
<b>Vehicle/Key Memory</b>	■	■	■

Interior Equipment	745i	745Li	760Li
<b>Service requirement display</b> in info unit	■	■	■
<b>Ski bag</b>	□	□	□
<b>Spare wheel, full-size</b> , housed in luggage compartment beneath the floor	■	■	■
<b>Steering column adjustment</b> , electric	■	■	■
<b>Stepless door brakes</b>	■	■	■
<b>Storage spaces</b> in the driver's storage compartment (8.5 litre capacity, temperature controlled), and in the doors, front and rear	■	■	■
<b>Sunblinds</b> , electric rear window sunshade with electric side sunshades	□	□	■
<b>Toolbox</b> integrated in the rear hood	■	■	■
<b>Upholstery:</b>			
– Full Nasca Leather	–	–	■
– Nasca Leather	■	■	–
– Pearl Leather	□	□	–
<b>Vanity mirror</b> in the roof lining rear centre, swivelling, illuminated	■	■	■
<b>Vanity mirror</b> , illuminated and with slide cover, on driver's and front passenger's side	■	■	■
<b>Voice recognition system</b> , incl. telephone, navigation and audio functions, notepad set	■	■	■
<b>Window lifts</b> front and rear, electrical, with open/close fingertip control, trap release and comfort closing function all round	■	■	■

\* See your local BMW Retailer details.

## Standard Equipment | Optional Equipment

Exterior Equipment	745i	745Li	760Li
<b>All-round anti-corrosion treatment</b> with partial hot-galvanizing, phosphate treatment and cathodic dip paintwork, preservation of hollow cavities, underfloor protection	■	■	■
<b>Bumpers and rearview mirrors</b> in body colour	■	■	■
<b>Comfort Access</b>	□	□	□
<b>Direction indicators, white</b>	■	■	■
<b>Door handles</b> in body colour, with illumination of outside area	■	■	■
<b>Entry lights</b> front and rear	■	■	■
<b>Heat-insulating glass all round</b> , green, with laminated glass windshield	■	■	■
<b>Metallic or non-metallic paint</b>	■	■	■
<b>Ornamental grille at the front</b> with chrome-plated slats, chrome surround	■	■	■
<b>Trunk lid</b> with single-joint bracket hinge	■	■	■
<b>Rearview mirrors</b> , blue tinted, electrically adjustable, heated, with automatic anti-dazzle	■	■	■
<b>Remote control</b> with automatically recharging battery	■	■	■
<b>Soft Close trunk</b>	■	■	■
<b>Universal garage door opener</b> , integrated	■	■	■
<b>Wheel locks</b>	■	■	■
<b>Wheels:</b>			
- Double Spoke alloy wheels (with all-season tires) - Style 93, 18 x 8.0, 245/50R-18	■	■	-
- Multi Spoke alloy wheels (with all-season run-flat tires) - Style 94, 18 x 8.0, 245/50R-18	□	□	-
- Parallel Spoke alloy wheels (with performance tires) - Style 89, 19 x 9.0, front, 245/45R-19, 19 x 10.0, rear, 275/40R-19 (tires not recommended for winter use)	-	-	■
- Star Spoke alloy wheels (with performance tires) - Style 95, 19 x 9.0, front, 245/45R-19, 19 x 10.0, rear, 275/40R-19 (tires not recommended for winter use)	□	□	-
- Star Spoke alloy wheels (with all-season tires) - Style 91, 18 x 8.0, 245/50R-18	-	-	□
- Star Spoke alloy wheels (with performance tires) - Style 92, 19 x 9.0, front, 245/45R-19, 19 x 10.0, rear, 275/40R-19 (tires not recommended for winter use)	-	-	□
<b>Windshield washer nozzles</b> , heated	■	■	■
<b>Windshield with green stripe</b>	■	■	■

Convenience Package	745i	745Li	760Li
Automatic trunk opening and closing; Comfort Access; Soft Close function doors	□	□	■
<b>Executive Package</b>			
Active seat for driver; Automatic trunk; Comfort seats, front; Comfort Access; Electric rear sunshade with electric side sunshades; Heated seats, rear; LOGIC7 Hifi sound system; Park Distance Control; Soft Close function doors; Ventilated seats, front	□	-	-
Active seat for driver; Automatic trunk; Comfort Access; Electric rear sunshade with electric side sunshades; Heated seats, rear; LOGIC7 Hifi sound system; Park Distance Control; Self-levelling rear air suspension; Soft Close function doors; Ventilated seats, front	-	□	-
<b>Multimedia Package</b>			
6-disc DVD Changer; Rear screen; iDrive	-	□	■
<b>Sport Package</b>			
3-spoke leather sport steering wheel; 19" V Spoke alloy wheels, Style 126; High-gloss Shadow Line; Sport suspension; Ash Grain high-gloss wood trim (available only with comfort seats and Nasca Leather)	□	□	-
20" Y Spoke alloy wheels	□	□	-
Sport Seats (with Pearl Leather)	■	□	-
Vavona Grey matte wood trim	■	□	-
<b>Ventilated Active Seats Package</b>			
Active seat for driver; Ventilated seats, front; Heated seats, rear	□	□	■

■ Standard □ Optional - Not Available

## Specifications | Technical Features

<b>Weight</b>		<b>745i</b>	<b>745Li</b>	<b>760Li</b>
Unladen	kg	1985	2025	2210
Weight distribution, front/rear	%	50.4/49.6	50.6/49.4	51.6/48.4
Max. permissible	kg	2465	2505	2690
Permitted load	kg	480	480	480
Permitted axle load, front/rear	kg	1160/1355	1180/1370	1285/1410
Permitted roof load	kg	100	100	100

<b>Engine</b>		<b>745i</b>	<b>745Li</b>	<b>760Li</b>
Litres		4.4	4.4	6.0
Cylinders/valves		8/32	8/32	12/48
Capacity	cc	4398	4398	5972
Bore/Stroke	mm	92.0/82.7	92.0/82.7	89.0/80.0
Max. output	hp/rpm	325/6100	325/6100	438/6000
Max. torque	lb-ft/rpm	330/3600	330/3600	444/3950
Compression ratio	:1	10.0	10.0	11.3
Fuel grade		Premium Unleaded	Premium Unleaded	Premium Unleaded

<b>Transmission<sup>1</sup></b>		<b>745i</b>	<b>745Li</b>	<b>760Li</b>
Drive configuration		Rear	Rear	Rear
Transmission type		6-A	6-A	6-A
Transmission ratios	I/II/III :1	4.17/2.34/1.52	4.17/2.34/1.52	4.17/2.34/1.52
	IV/V/VI :1	1.14/0.87/0.69	1.14/0.87/0.69	1.14/0.87/0.69
	R :1	3.40	3.40	3.40
Final drive ratio	:1	3.38	3.38	3.15

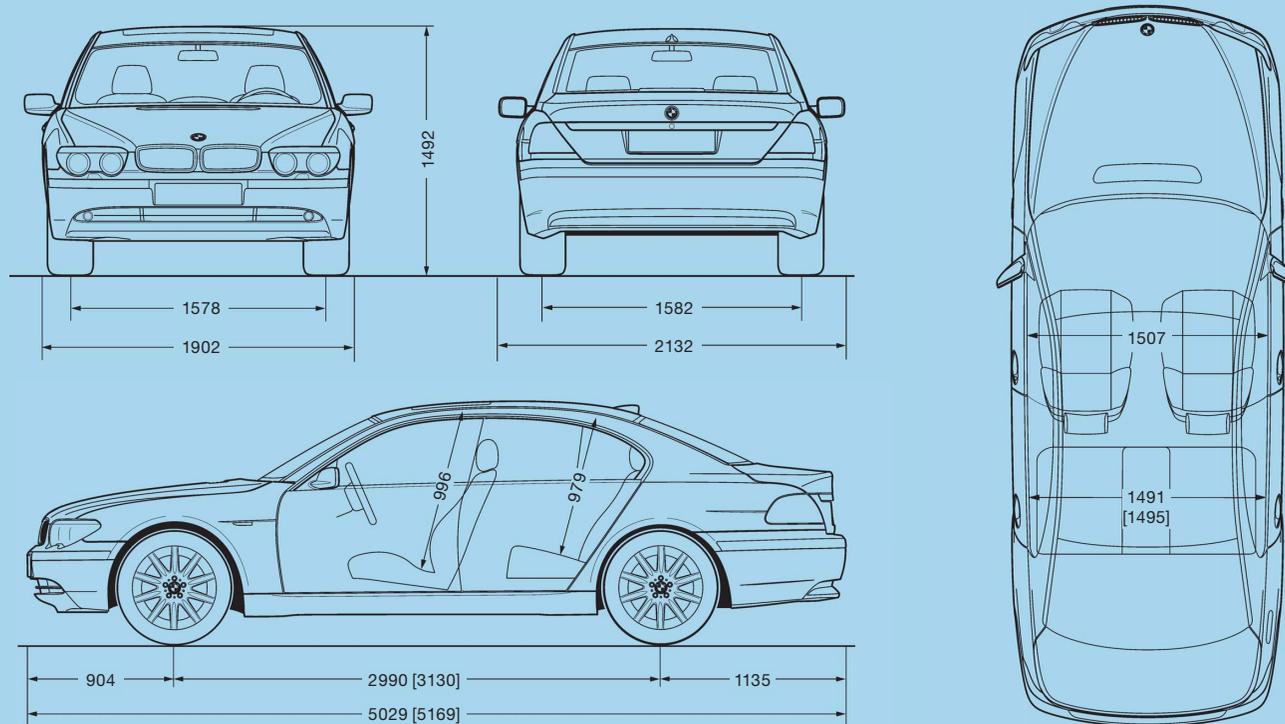
<b>Brakes</b>		<b>745i</b>	<b>745Li</b>	<b>760Li</b>
Braking system		4-channel ABS	4-channel ABS	4-channel ABS
Brake type, front and rear		ventilated disc	ventilated disc	ventilated disc
Brake diameter, front/rear	mm	348/345	348/345	348/345

<b>Performance</b>		<b>745i</b>	<b>745Li</b>	<b>760Li</b>
Drag coefficient	C <sup>d</sup>	0.29	0.29	0.29
Top speed <sup>2</sup>	km/h	240	240	240
Acceleration 0–100 km/h	sec	6.2	6.2	5.7

<b>Wheels</b>		<b>745i</b>	<b>745Li</b>	<b>760Li</b>
Tire dimensions		245/50R-18	245/50R-18	245/45R-19, 275/40R-19
Rim dimensions		18 x 8.0	18 x 8.0	19 x 9/10.0
Material		Light alloy	Light alloy	Light alloy

<b>Fuel Consumption<sup>3</sup></b>		<b>745i</b>	<b>745Li</b>	<b>760Li</b>
City	L/100 km	13.1	13.1	15.8
Highway	L/100 km	8.3	8.3	9.5
Combined	L/100 km	10.9	10.9	13.0
Tank capacity, approx.	L	88	88	88

## Specifications | Technical Features



All dimensions of drawings in millimetres. Figures in [ ] apply to the 745Li and 760Li.  
745i, 745Li, 760Li Luggage Compartment Capacity 500 litres.

- <sup>1</sup> Available exclusively with automatic transmission.
- <sup>2</sup> Electronically limited.
- <sup>3</sup> NR-Can-estimated figures are for comparison purposes only. Your actual mileage will vary, depending on speed, driving habits, trip lengths and driving conditions. Fuel consumption is determined on cars with standard equipment. Special equipment such as wider tires may have a significant influence on fuel consumption.

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