

The all-new BMW 1 Series. Short version.



The arrival of the all-new BMW 1 Series (fuel consumption combined: 7.1 – 3.8 l/100 km [39.8 – 74.3 mpg imp]; CO₂ emissions combined: 162 – 100 g/km*) heralds the dawn of a new era. The third generation of the successful premium compact model draws back the curtain on the new BMW front-wheel-drive architecture, which fuses BMW's signature driving pleasure and dynamic excellence with a significant increase in interior space. Sporty, cool, safe and classy, sprinkled with fresh design and the latest in connectivity, the all-new 1 Series is a proper BMW, but one with a strong character all its own.

Cutting-edge chassis systems and innovative technologies, plus the integration of all key driving dynamics components and control systems, imbue the BMW 1 Series with an increase in agility that drivers of cars with both the new front-wheel-drive configuration and BMW xDrive intelligent all-wheel drive will clearly recognise. To this end, a five-year process of development has seen BMW channel all the experience amassed by the BMW Group over recent years with front-wheel-drive technology in other models into the new 1 Series. The result is a dynamic sharpness unprecedented in front-wheel-drive cars, with which it sets new standards in the premium compact class.

The third generation of the BMW 1 Series will be unveiled to the public for the first time on 25 – 27 June 2019 on the new BMW Group #NEXTGen presentation platform at BMW Welt in Munich. Hosting the show premiere of the new BMW 1 Series, meanwhile, will be the IAA event in Frankfurt am Main in September 2019. The worldwide launch will get underway on 28 September 2019.

More than 1.3 million examples of the BMW 1 Series have been produced in its first two generations, the car proving especially popular in Europe. The third-generation model offers significantly more space than its predecessor with little change to its exterior footprint, thanks to the cutting-edge BMW front-wheel-drive architecture. Passengers in the rear are the main beneficiaries, while a larger load compartment also results. Available as a five-door model only, the all-new BMW 1 Series is five millimetres shorter than its predecessor at 4,319 millimetres.

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In terms of width (now 1,799 millimetres), it has grown by 34 millimetres while its height (1,434 mm) has increased by 13 millimetres. At 2,670 millimetres, the wheelbase is 20 millimetres shorter than that of the second-generation model.

New face with larger BMW kidney grille.

The new face of the BMW 1 Series and its fresh interpretation of iconic BMW features can be seen clearly from the front. The signature BMW kidney grille is now larger, with far greater presence. For the first time in this model range, the two kidneys now merge in the middle. The sporting flagship of the line-up is the BMW M135i xDrive (fuel consumption combined: 7.1 – 6.8 l/100 km [39.8 – 41.5 mpg imp]; CO₂ emissions combined: 162 – 155 g/km*), which replaces the grille's classical bars with a prominent three-dimensional mesh design inspired by racing cars. The headlights are now angled in design and lend the car a fresh and youthful feel. The optional full-LED lights – in adaptive guise, if desired – cut a particularly modern figure.

Pronounced shark nose and clear wedge shape.

The flanks of the all-new BMW 1 Series stand out first and foremost with the familiar – and clearly defined – BMW shark nose, a strong hint of wedge shape and a slim window graphic culminating in the C-pillar with traditional Hofmeister kink. A small number of crisp and precise lines and boldly sculpted surfaces lend the new 1 Series an athletic appearance. The defining elements of the rear end are its broad-set lower section and the tapering effect further up. This creates a striking shoulderline, which gives the car a planted stance on the road. The wide, two-section rear lights enhance this impression and have a very modern look with their slender form and pared-back appearance. The optional full-LED rear lights provide a whole new take on the familiar “L” design courtesy of a single, slim light element with a striking sweep to the side. Expressively shaped surfaces and eye-catching tailpipes with a diameter of 90 millimetres (or 100 mm for the angle-cut items on the BMW M135i xDrive) set the seal on the sporting appearance of the rear section. The BMW 1 Series is available with an array of new light-alloy wheels starting from 16 inches in diameter. 19-inch items are available as an option for the first time.

Panoramic roof and backlit trim strips.

The electric panoramic roof available for the first time on the BMW 1 Series lets more light into the interior, where more room and an enhanced feeling of

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spaciousness meet high-quality materials and innovative details. These include backlit trim strips, making their debut in a BMW as an option. They come in three different designs with six switchable colours and create compelling translucent effects. Grouped control clusters for the heating & climate functions and the various driving functions provide ease of use, while functional stowage options – such as the area in front of the gearshift lever, which can be specified with the Wireless Charging option for smartphones – deliver additional comfort and convenience.

Access to the optional infotainment features of the new BMW Operating System 7.0 – using gestures, if the relevant option is specified – is via a grouping of two displays, each of which have a screen diagonal measuring up to 10.25 inches in the case of the BMW Live Cockpit Professional. The new display design of this option mimics the newly designed BMW kidney grille in both form and arrangement. The central, touch-compatible Control Display is angled towards the driver in customary BMW style and is optimally positioned in their field of view. Added to which, the full-colour, 9.2-inch BMW Head-Up Display – available as an option for the first time on the BMW 1 Series – allows the driver to view information without taking their eyes off the road.

A giant leap in space.

The interior of the all-new BMW 1 Series is much roomier than its predecessor, especially in the rear compartment. Getting in is easier and kneeroom for the rear passengers has increased by 33 millimetres. The rear offers a full 19 millimetres of extra headroom if the outward-opening sliding panoramic sunroof is specified. Rear passengers also enjoy 13 millimetres more elbowroom, while the driver and front passenger can look forward to an extra 42 millimetres in this respect. The load compartment capacity of 380 litres is 20 litres up on the outgoing car's, and folding down the rear seat bench increases this to 1,200 litres. In addition, the minimum width of the boot has increased by 67 millimetres. And electric tailgate operation is offered on the BMW 1 Series for the first time.

Four equipment lines and one flagship model.

The base Advantage model is joined in the new BMW 1 Series line-up by three other equipment lines, which differ from one another in both exterior and interior details. The Luxury Line model accentuates the classy and comfortable side to the car's character with the help of body applications in Aluminium satinated and seat upholstery in Dakota leather. The Sport Line model with Black accents, window graphic in BMW Individual high-gloss Shadow Line and sports seats, and the M Sport model with accents in Aluminium satinated, front apron with specially shaped air intakes and BMW M rear apron in High-gloss Black lead the 1 Series up the dynamic

ladder culminating in the BMW M135i xDrive. The flagship model stands out with features including a mesh-design BMW kidney grille, angle-cut tailpipe tips in Cerium Grey and a BMW M rear spoiler in body colour.

Cutting-edge BMW front-wheel-drive architecture with innovative powertrain technology.

The third generation of the BMW 1 Series showcases the debut appearance of BMW's cutting-edge new front-wheel-drive architecture. Benchmark driving dynamics for the segment and a far more spacious interior are the result. A five-year process of development has seen all the experience amassed over recent years with front-wheel-drive BMW Group models come together with a transfer of technology from BMW i to the BMW core brand to create a proper BMW with a character all its own. Whether front-wheel-drive or equipped with BMW xDrive intelligent all-wheel drive, the new 1 Series has taken its agility to a level above its predecessor. Its fast and precise responses are clearly perceptible and serve to enhance the driving experience. An important factor here is the ARB (actuator contiguous wheel slip limitation) technology familiar from the BMW i3s (electric power consumption combined: 14.6 – 14 kWh/100 km, CO₂ emissions combined: 0 g/km**), which is now making its debut in a combustion-engined vehicle and allows wheel slip to be controlled much more sensitively and swiftly than before. A standard feature of the BMW 1 Series, ARB uses a slip controller that is positioned directly in the engine control unit rather than in the control unit for the DSC (Dynamic Stability Control) system. Eliminating the long signal paths means that information is relayed three times quicker, while the driver perceives wheel slip being brought under control up to ten times faster. Actuator contiguous wheel slip limitation works in close tandem with the DSC system to bring about a clear reduction in the power understeer normally experienced in front-wheel-drive cars.

The ARB technology is assisted in its task by BMW Performance Control (yaw moment distribution). This feature, also included as standard on the 1 Series, gives it more agile handling by applying the brakes as required at the wheels on the inside of the bend before the slip threshold has been reached. The result is neutral steering behaviour. Besides the standard suspension – which already has a dynamic set-up and is specially tuned to the different engine variants – and the M Sport suspension with a 10 mm reduction in ride height, the all-new BMW 1 Series can also be specified with the Adaptive suspension with VDC (Variable Damper Control) as an option.

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This particular variant lets the driver choose from two different damper response settings – Comfort or Sport – using the Driving Experience Control switch. All new BMW 1 Series models from the entry-level engine upwards are equipped with a multi-link rear axle.

Two models with BMW xDrive intelligent all-wheel drive.

ARB technology and BMW Performance Control are likewise included in the BMW 120d xDrive (fuel consumption combined: 4.7 – 4.5 l/100 km [60.1 – 62.8 mpg imp]; CO₂ emissions combined: 124 – 117 g/km*) and BMW M135i xDrive, which feature intelligent all-wheel drive as standard. Standard specification for the M135i xDrive also includes a newly developed mechanical Torsen limited-slip differential, which gives the car an even sportier edge by creating a locking effect between the front wheels.

The differential is integrated into the standard-fit eight-speed Steptronic Sport transmission and also features a Launch Control mode that already puts the full peak torque of 450 Nm (332 lb-ft) on tap in first and second gear. The even sharper response of the M Sport steering in the BMW M135i xDrive produces a further noticeable increase in the car's agility and gives it an even bigger appetite for corners. And the M Sport brakes offer excellent fade resistance and abundant reserves of stopping power at all times. The M Sport steering and M Sport brakes are also available as optional extras for other BMW 1 Series models.

Three diesel engines and two petrol variants from launch.

Customers can order their new BMW 1 Series with a choice of three- and four-cylinder engines from the latest-generation BMW EfficientDynamics family. A host of detail improvements give them better fuel economy, lower emissions and, in some cases, more power than before. Three diesel engines and two petrol units are available, developing from 85 kW (116 hp) in the BMW 116d (fuel consumption combined: 4.2 – 3.8 l/100 km [67.3 – 74.3 mpg imp]; CO₂ emissions combined: 110 – 100 g/km*) to 225 kW (306 hp) in the BMW M135i xDrive. The new engine powering the latter model is the most powerful four-cylinder unit in the BMW Group line-up. The BMW M135i xDrive dispatches 0 to 100 km/h (62 mph) in a mere 4.8 seconds (4.7 seconds with M Performance package, available from 11/2019) on the way to a governed top speed of 250 km/h (155 mph). Despite these impressive performance figures, combined fuel consumption is just 7.1 – 6.8 litres per 100 km [39.8 – 41.5 mpg imp] and CO₂ emissions come in at only 162 – 155 grams per kilometre. All the engines available for the BMW 1 Series meet the strict Euro 6d-TEMP emissions standard, while the BMW 116d is already Euro 6d-compliant. The petrol engines are

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equipped with a gasoline particulate filter and the diesels with a diesel particulate filter, NOx adsorption catalyst and SCR (Selective Catalytic Reduction) technology.

Three different transmission technologies now available.

The BMW 116d, BMW 118d and BMW 118i come as standard with the further-developed six-speed manual gearbox, while the state-of-the-art seven-speed dual-clutch Steptronic transmission can be specified as an option for the BMW 116d and BMW 118i. The eight-speed Steptronic transmission – available as an option for the BMW 118d and standard on the BMW 120d xDrive – and the eight-speed Steptronic Sport transmission of the BMW M135i xDrive boast further improved smoothness and acoustic properties. Intelligent connectivity allows both automatic transmissions to adapt their shift strategy to the route and traffic situation at hand.

Assistance systems from BMW models higher up the range.

A large number of innovative driver assistance systems fitted in the BMW 1 Series have been taken from models higher up the BMW range to make their debuts in the premium compact class. Depending on the system in question, camera images and data gathered by radar and ultrasonic sensors are used to monitor the vehicle's surrounding area and either alert the driver to hazards or minimise the risk of an accident by means of corrective braking and steering. Standard equipment in Europe includes collision and pedestrian warning with city braking function, which also alerts the driver to the presence of cyclists. Also fitted as standard is the Lane Departure Warning system with active lane return, which is operational from 70 to 210 km/h (44 – 130 mph). Options include Active Cruise Control usable up to 160 km/h (99 mph) – on cars with automatic transmission and Stop & Go function – plus the Driving Assistant, which comprises the Lane Change Warning system, rear collision warning and crossing traffic warning.

Parking Assistant with innovative reversing assistant.

The BMW 1 Series provides assistance with parking in the form of the optional Park Distance Control (PDC), rear view camera or Parking Assistant. The latter enables automatic assisted parking in spaces that are either parallel or perpendicular to the road, as well as automatic manoeuvring out of parallel parking spaces. Celebrating its premiere in the premium compact class is the innovative reversing assistant, which stores the steering movements for any section the car has just driven forward along at no more than 36 km/h (22 mph). The system is then able to steer the vehicle in reverse – for distances of up to 50 metres at up to 9 km/h (5.5 mph) – along exactly the same line it took when moving forward.

The smartphone as car key.

The BMW 1 Series is available with the option of two new smart features that have previously only been seen in BMW models higher up the ladder: the BMW Digital Key and the BMW Intelligent Personal Assistant. Available as an option, the BMW Digital Key enables users to lock and unlock the vehicle from a smartphone using Near Field Communication (NFC) technology, rendering the conventional car key surplus to requirements. Holding the smartphone up to the door handle opens the car – even if the phone battery is dead. The engine can be started as soon as the phone has been placed in the smartphone tray or wireless charging tray. The driver can share the BMW Digital Key with up to five other people or use the BMW Key Card with the same functionality. The BMW Digital Key is available for top-spec NFC-compatible Samsung Galaxy models running Android 8.0 and above.

BMW Intelligent Personal Assistant: expert and conversation partner.

Another new element has been added to the control and operating concept for the all-new BMW 1 Series in the form of the BMW Intelligent Personal Assistant first unveiled in the BMW 3 Series Sedan. The Intelligent Personal Assistant is a genuine BMW expert and is familiar with virtually all the car's functions. After waking the system with the prompt "Hey BMW", drivers can operate their car and access its functions and information simply by speaking. The BMW Intelligent Personal Assistant is a digital character with his own personality, who can learn routines, preferred settings and habits – and subsequently apply them in the appropriate context or engage in casual conversation. One unique feature over other digital assistants is that drivers can give this one a name of their choice.

Connected Navigation for a more relaxed arrival.

Connected Navigation services allow internal and external information to be factored into route planning. Drivers of the BMW 1 Series will be able to send destinations from various apps straight to their car's navigation system, store them and synchronise them with the car. The Parking Space Assistant proposes various parking options to the driver in good time before the destination is reached. This service includes providing information on the nearest multi-storey car park as well as suggesting routes that offer a particularly good chance of finding a parking spot close to the destination. The existing On-Street Parking Information and PARK NOW services are integrated intelligently into the process. In selected cities, it is even possible to pay parking charges automatically.

Operation by iDrive Controller, touch, voice or gestures.

The new BMW 1 Series lets drivers use a variety of operating methods, depending on the situation and personal preferences. In addition to the usual buttons on the centre console and steering wheel, other frontline control elements include the iDrive Controller – with touchpad from BMW Live Cockpit Plus upwards – and the standard 8.8-inch Control Display with touchscreen functionality. BMW Live Cockpit Plus also adds a navigation system and intelligent voice control with online speech processing. BMW Live Cockpit Professional, based on the new BMW Operating System 7.0, brings together the fully digital display and operating system (including two 10.25-inch displays) with maximum connectivity and customisability. Standout features include an adaptive navigation system and a hard-drive-based multimedia system. There is also the option of controlling the functions using seven different gestures.

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The fuel consumption and CO₂ emission figures are determined according to the European Regulation (EC) 2007/715 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

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Further information on official fuel consumption figures and specific CO₂ emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guide to the fuel economy, CO₂ emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at <https://www.dat.de/co2>.