

The New BMW X3. Table of Contents.



Characteristics.	2
Uncompromising Driving Pleasure: The New BMW X3.	4
Technical Specifications.	10

Characteristics.

- Second generation of the Sports Activity Vehicle with significantly increased space, optimised functionality and enhanced driving comfort.
- Strengthening of leading position in terms of agility and efficiency through new engines, eight-speed automatic transmission, innovative suspension technology and BMW EfficientDynamics.
- Two engine variants at time of market launch: BMW X3 xDrive20d with four-cylinder diesel engine (135 kW/184 bhp) and BMW X3 xDrive35i with straight six-cylinder petrol engine (225 kW/306 bhp).
- Auto Start Stop function featured for the first time in conjunction with six-cylinder engine and eight-speed automatic transmission.
- Four-wheel drive technology BMW xDrive harmonised for optimised driving dynamics featured as standard, Performance Control optional.
- Newly conceived suspension technology, electric power steering featured for the first time in a BMW X model, variable sports steering optional.
- First BMW X model with optional Damper Control and Dynamic Drive Control.
- Highest degree of interior variability thanks to folding and 40:20:40-split rear seat backrests, maximum luggage compartment volume: 1,600 litres.
- Range of BMW ConnectedDrive options unique in the segment: Head-up Display, Internet access, reversing camera with Top View.

- Engine variants:
BMW X3 xDrive20d: Straight four-cylinder diesel engine with aluminium crankcase, turbocharger and Common Rail direct injection, displacement: 1,995 cc, power output: 135 kW/184 bhp at 4,000 rpm, max. torque: 380 Nm at 1,750 – 2,750 rpm, acceleration [0 – 100 km/h]: 8.5 seconds, top speed: 210 km/h, average fuel consumption according to EU: 5.6 litres/100 km, CO₂ emission according to EU: 149 g/km, exhaust emission standard: EU5.

BMW X3 xDrive35i: Straight six-cylinder petrol engine with BMW TwinPower Turbo, direct injection and VALVETRONIC, displacement: 2,979 cc, power output: 225 kW/306 bhp at 5,800 rpm, max. torque: 400 Nm at 1,300 rpm, acceleration [0 – 100 km/h]: 5.7 seconds, top speed: 245 km/h, average fuel consumption according to EU: 8.8 litres/100 km, CO₂ emission according to EU: 204 g/km, exhaust emission standard: EU5.

Uncompromising Driving Pleasure: The New BMW X3.



The new BMW X3 is the successor to a top seller and will add a new dimension to the pleasure of driving a Sports Activity Vehicle of this class. More significantly than ever, it establishes benchmarks in agility and efficiency, whilst at the same time convincing through noticeably increased driving comfort. The design of the new BMW X3 combines the typical BMW X character with a dynamically stretched silhouette. Thanks to a generous amount of space and a high degree of variability in the interior, it is possible to adapt travel comfort as well as transportation capacities to suit each personal requirement. Four-wheel drive technology BMW xDrive not only optimises traction, but has also been specifically harmonised to ensure enhanced driving dynamics. The new BMW X3 offers state-of-the-art qualities with uncompromising diversity, combining both driving pleasure and efficiency with comfort and functionality, durability and elegance.

The new BMW X3 offers a choice of two ultra-modern power units. The four-cylinder diesel featured in the new BMW X3 xDrive20d develops a maximum power output of 135 kW/184 bhp, exceeding that of its predecessor by 5 kW. At the same time, average fuel consumption in the EU test cycle has dropped by 14 percent to 5.6 litres/100 km. The new BMW X3 xDrive35i is powered by a 225 kW/306 bhp straight six-cylinder petrol engine.

The design: Urban elegance, dynamically flowing lines and the characteristic features of a BMW X model.

The body design of the new BMW X3 conveys urban elegance, durability and agility. The combination of a flat front end and a high rear end produces, when viewed from the side, a dynamically formed wedge shape, indicating the vehicle's sporting characteristics. Convex and concave surfaces are accentuated with distinctively structured lines, giving the car body the appearance of a meticulously modelled sculpture. The BMW X-specific black bordering on the lower edge of the car body of the new BMW X3 has an exceptionally discreet design.

At the front end of the new BMW X3, the forward-slanting BMW kidney grille, a large headlight assembly, a powerful-looking front apron and the bonnet boasting six contour lines sweeping down to meet at the kidney grill, signalise breathtaking presence. Together with the round headlights, the fog lamps, which are positioned far towards the outside, form the triangular light source arrangement that is characteristic of BMW X models. The upper edge of

the headlight assembly sports an accentuating chrome trim, creating the focussed look so typical of BMW vehicles. In conjunction with the optional Xenon headlights, the vehicle features daytime running lights that function by means of bright white LED light rings.

The side view of the new BMW X3 is also characterised by a unique interpretation of typical BMW X design features. Powerfully flared wheel arches and the short distance between the front axle and the instrument panel are an indication of four-wheel drive technology and emphasise the robust character of the Sports Activity Vehicle. The dynamic appearance of the silhouette is additionally accentuated by three characteristic lines. The new BMW X3's brand-typical contour line at door handle level rises steeply at first within the front wheel arch area, then to flow gently to the rear end. Two less pronounced lines follow the course of the line above the wheel arches.

The rear end is characterised by horizontal lines, underlining the new BMW X3's robust character. Accurately applied lines and expressively modelled surfaces create attractive light and shadow effects. The taillights, which are located far to the outside, have a distinctive T shape that is characteristic of the BMW X3. Combined with optional Xenon light, LED light banks reflect a typical BMW night-time design.

Interior: Premium ambience, intelligent functionality.

A generous and variable spatial concept, high-grade materials and a characteristic three-dimensional surface design provide the interior of the new BMW X3 with a modern, premium ambience and intelligent functionality. The horizontal orientation of the instrument panel accentuates the width of the interior. Brand-typical driver orientation is emphasised by the asymmetrically designed centre console. The raised seating position facilitates convenient entry, whilst optimising the overview of the traffic situation. The control display of the optional operating system BMW iDrive is harmoniously integrated into the instrument panel. The 8.8-inch high-resolution screen of the navigation system Professional featured in the new BMW X3 is the largest on-board monitor in its segment.

Both up front and at the rear the new BMW X3 has a large number of large storage compartments, trays and cup holders. The three rear seats offer outstanding comfort for travelling long distances and significantly more leg and elbow room compared to the predecessor model. With a volume of between 550 and 1,600 litres, the luggage compartment of the new BMW X3 is the best in its segment. At the same time, the variability with which available space can be adapted to suit each personal requirement, is also unrivalled.

The rear seat backrests can be split at a ratio of 40:20:40 and the three segments can be folded down either individually or together. In this way it is possible to adapt the luggage compartment step by step according to requirement.

Engine range: Four-cylinder diesel and straight six-cylinder petrol engine of the latest generation.

The new BMW X3 xDrive20d now offers better performance and higher efficiency than any of its comparable rivals. It is powered by a 2-litre four-cylinder turbo diesel engine with aluminium crankcase and Common Rail direct injection, delivering a maximum power output of 135 kW/184 at 4,000 rpm and peak torque of 380 Nm between 1,750 and 2,750 rpm. The engine develops sufficient power to allow the vehicle to accelerate from 0 to 100 km/h in 8.5 seconds, reaching top speed at 210 km/h. With an average fuel consumption of 5.6 litres/100 km and a CO₂ emission level of 149 grams per kilometre, the BMW X3 xDrive20d establishes a new benchmark for efficiency in this vehicle segment. The new BMW X3 xDrive20d with automatic transmission achieves identical acceleration, top speed and fuel consumption, with a CO₂ emission level of 147 grams per kilometre.

Spontaneous response, high-revving characteristics, excellent running smoothness and efficient fuel economy characterise the power unit featured in the BMW X3 xDrive35i. Consequently, it possesses the qualities typical of a straight six-cylinder BMW engine, combining them, thanks to an innovative technological concept, at an exceptionally high level. BMW TwinPower Turbo technology, High Precision Injection and variable valve control VALVETRONIC have been combined with each other for the first time. As a result, the 3-litre power unit delivers a peak output of 225 kW/306 bhp at 5,800 rpm, with maximum torque of 400 Nm being available at 1,300 rpm. This engine enables the X3 xDrive35i to sprint from 0 to 100 km/h in just 5.7 seconds. Top speed is 245 km/h. The BMW X3 xDrive35i offers not only the most dynamic driving characteristics, but also by far the most favourable fuel consumption and emission levels within the competitive environment of its engine class. Average fuel consumption in the EU test cycle is 8.8 litres/100 km and the CO₂ emission level is 204 grams per kilometre.

BMW EfficientDynamics in the new BMW X3: Premiere for Auto Start Stop function in conjunction with automatic transmission.

The new BMW X3 xDrive35i is equipped as standard with an eight-speed automatic transmission. This option, also unique within the competitive environment, is available for the BMW X3 xDrive20d as an alternative to the standard six-speed manual gearbox.

The automatic transmission is combined for the first time with an Auto Start Stop function. When stopping at road junctions or in a traffic jam, the engine is automatically switched off. As soon as the driver takes his or her foot off the brake pedal, the engine restarts. If the Auto Hold function is activated, brief pressure on the accelerator pedal is sufficient.

The Auto Start Stop function is also a standard feature in the X3 xDrive20d with manual gearbox. The car is additionally equipped with a gear shift indicator. Furthermore, the equipment featured in all model variants, which include brake energy regeneration, EPS Electric Power Steering, demand-controlled ancillary components, intelligent lightweight construction and tyres with reduced rolling resistance contribute towards lowering fuel consumption and exhaust emission levels.

Newly developed suspension, optimised xDrive and unique options for made-to-measure dynamics and comfort

The new BMW X3 comes with permanent four-wheel drive technology BMW xDrive as standard. This electronically controlled system ensures variable distribution of drive torque to the front and rear axles. The control unit, which is interlinked with the DSC Dynamic Stability Control, counteracts at an early stage any tendency to oversteer or understeer through fast and precise response. By means of innovative tuning designed to enhance driving dynamics, the intelligent four-wheel drive technology optimises not only traction, but, above all, handling in bends. Even during steady cornering, a higher proportion percentage of drive torque is transferred to the rear wheels. Optional Performance Control enhances the BMW X3's agile handling even further. Targeted braking of the rear wheel nearest the inside of the bend together with a simultaneous increase in drive power ensure the vehicle's exceptionally agile steering behaviour. This results in enhanced dynamics in bends and best possible traction.

The new BMW X3 also features completely redeveloped suspension technology. The combination of a double-joint spring-strut axle at the front and a multi-link rear axle offers the ideal prerequisites for optimising agility and driving comfort to an equal degree. EPS Electric Power Steering including the Servotronic function for speed-dependent power steering is incorporated in a BMW X3 model for the first time and contributes significantly to precise handling. The newly conceived variable sports steering available as an option reduces the degree of steering movement necessary to turn the front wheels. As a result, less steering effort is required for parking, cornering and swerving manoeuvres.

Dynamic Damper Control is optionally available for the new BMW X3. The electronically controlled dampers adapt to road surface conditions and the driver's style of driving. The driver is able to influence the characteristic map of the damper control by means of the Dynamic Control system. This function, which is available for a BMW X model for the first time, enables the driver to choose between the "NORMAL", "SPORT" and "SPORT+" modes using a button on the centre console. Therefore, in addition to damping behaviour, accelerator progression, engine response, the characteristic curve of the power steering, DSC response thresholds and – depending on desired options – the shifting dynamics of the automatic transmission are influenced. All factors are combined into a well-balanced overall set-up.

Like all BMW X models, the new BMW X3 is also provided with an extremely torsion-resistant body, precisely defined support structures and large deformation zones. The safety equipment package comprises front and pelvic thorax airbags, side curtain head airbags, three-point automatic seatbelts on all seats, belt force limiters, belt latch tensioners and crash-active front headrests as well as ISOFIX child seat mounts in the rear compartment.

Innovative options and an extensive range of BMW ConnectedDrive functions.

The choice of optional features ranges from automatic climate control with 2-zone control, a panorama sunroof, high-end audio equipment and the navigation system Professional with hard-disk storage, to automatic rear lid operation and a tow coupling with electronically pivoting ball head. The choice of driver assistance systems offered by BMW ConnectedDrive is unique in the segment. The new BMW X3 can be equipped, inter alia, with the systems Head-up Display, Adaptive Cornering Headlights, High-beam Assistant, Cruise Control with braking function (standard on the BMW X3 xDrive35i) and reversing camera including Top View.

Production at the BMW Spartanburg plant.

Agility and comfort, sportiness and efficiency, durability and elegance, variability and a premium ambience – the new BMW X3 fulfils in an exceptionally convincing way the varying demands made on a modern Sports Activity Vehicle. With its multifaceted qualities it sets new standards in the segment established by its predecessor.

The new BMW X3 is produced at the BMW Spartanburg plant in accordance with stringent BMW Group quality standards. With the production of the BMW X5 and BMW X6 models, the location, which is based in South Carolina, USA, has become the competence centre for BMW X models within

the BMW Group's worldwide production network. Thanks to comprehensive extension measures, the preconditions for integrating the new BMW X3 into the production process have also been established.

Technical Specifications.

BMW X3 xDrive35i, BMW X3 xDrive20d.



		BMW X3 xDrive35i	BMW X3 xDrive20d
Body			
Number of doors/seats		5 / 5	5 / 5
Length/Width/Height (unladen)	mm	4648 / 1881 / 1661 ¹⁾	4648 / 1881 / 1661 ¹⁾
Wheelbase	mm	2810	2810
Track front/rear	mm	1594 / 1610	1616 / 1632
Turning cycle	m	11.9	11.9
Tank capacity	appr ltr	67	67
Cooling system incl. heating	ltr	³⁾	³⁾
Engine oil ³⁾	ltr	6.5	5.2
Weight, unladen, to DIN/EU	Kg	1805 / 1880	1715 / 1790 (1725 / 1790)
Max load to DIN	kg	560	575
Max perm weight, overall	kg	2365	2290 (2300)
Max perm axle load front/rear	kg	1130 / 1290	1080 / 1280
Max perm trailer load (12 %) braked/unbraked	kg	2400 / 750	2000 (2400) / 750
Perm roof load/trail download	kg	100 / 100	100 / 100
Luggage capacity	ltr	550-1600	550-1600
Air resistance	cd x A	0.35 x 2.65	0.33 x 2.65
Engine			
Config/no of cyls/valves		R / 6 / 4	R / 4 / 4
Engine technology		BMW TwinPower Turbo, direct injection (High Precision Injection), fully variable valve control (VALVETRONIC)	Turbo charger with variable intake geometry, Common Rail direct injection with piezo injectors (max. injection pressure: 1800 bar)
Capacity	cc	2979	1995
Stroke/bore	mm	89.6 / 84.0	90.0 / 84.0
Compression ratio	:1	10.2	16.5
Fuel grade		at least RON 91	Diesel
Max output	kW/bhp	225 / 306	135 / 184
at	rpm	5800	4000
Max torque	Nm	400	380
at	rpm	1300	1750-2750
Electrical system			
Battery/installation	Ah/-	90 / luggage comp	90 / luggage comp
Alternator	AW	210 / 2940	180 / 2520 (210 / 2940)
Driving dynamics and safety			
Suspension, front		Double-joint tension-rod spring-strut suspension, anit-dive	
Suspension, rear		Five-link rear axle, spatial suspension with anti-squat and anti-dive	
Brakes, front		Single-piston floating-calliper disc brakes	
Diameter	mm	328 / vented	328 / vented
Brakes, rear		Single-piston floating-calliper disc brakes	
Diameter	mm	330 / vented	330 / vented
Driving stability systems		Fitted as standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, rain brake support, fading compensation, hill-start assistant; DSC networked with xDrive four-wheel drive, adaptive brake compensation, HDC Hill Descent Control, optional: Dynamic Damper Control, Performance Control	
Safety features		Fitted as standard: Airbags for driver and front seat passenger, side airbags for driver and front seat passenger, head airbags for the first and second seat row, crash-active headrests at the front, three-point automatic belts on all seats, on the front seats with pretensioners, belt-force limiters and belt stoppers, crash sensors, tyre defect indicator	
Steering		EPS Electric Power Steering with Servotronic function, optional: variable sports steering	
Overall steering transmission	:1	³⁾	³⁾
Tyres front/rear		245/50 R18 100 W	225/60 R17 99 H
Wheels front/rear		8J x 18 LM	7.5J x 17 LM

		BMW X3 xDrive35i	BMW X3 xDrive20d
BMW ConnectedDrive			
Comfort	Optional extras: BMW Assist featuring, inter alia, information service, remote functions and traffic info+, BMW TeleServices, integration of mobile devices		
Infotainment	Optional extras: Internet access, BMW Online featuring, inter alia, parking info, country-relevant info, Google search by type of business, news, weather realtime, BMW Routes, office functions, Bluetooth audio streaming and online		
Safety	Optional extras: Adaptive Cornering Headlights with variable light distribution and adaptive levelling, High-beam Assistant, Park Distance Control, reversing camera with Top View, Head-up Display, speed control with braking function, automatic/advanced emergency call		
Transmission			
Type		8-speed automatic transmission with Steptronic	6-speed manual transmission (optional: 8-speed automatic transmission with Steptronic)
Gear ratios	I	:1 4.714	4.110 (4.714)
	II	:1 3.143	2.248 (3.143)
	III	:1 2.106	1.403 (2.106)
	IV	:1 1.667	1.000 (1.667)
	V	:1 1.285	0.802 (1.285)
	VI	:1 1.000	0.659 (1.000)
	VII	:1 0.839	– (0.839)
	VIII	:1 0.667	– (0.667)
	R	:1 3.295	3.727 (3.295)
Final drive		:1 3.385	3.077 (3.727)
Performance			
Power-to-weight ratio	kg/kW	8.0	12.7 (12.8)
Output per litre	kW/ltr	75.5	67.7
Acceleration	0–100 km/h	s 5.7	8.5 (8.5)
	0–1000 m	s 25.5	29.7 (29.7)
	in 4th/5th gear 80–120 km/h	s –	6.9 / 9.0 (–)
Top speed	km/h	245	210 (210)
Off-road characteristics			
Overhang angle front/rear	°	3)	3)
Ramp angle	°	3)	3)
Ground-clearance when	mm	212	212
Wading depth (at 7 km/h)	mm	3)	3)
BMW EfficientDynamics			
BMW EfficientDynamics measures as standard	Brake Energy Regeneration with recuperation display, EPS Electric Power Steering), Auto Start Stop function, gear shift indicator (BMW X3 xDrive20d manual transmission), demand-controlled ancillary components, map-controlled oil pump (BMW X3 xDrive35i) intelligent lightweight construction, final drive with optimised warm-up behaviour, tyres with reduced rolling resistance		
Fuel con in the EU cycle			
Urban	ltr/100	11.2	6.7 (6.1)
Extra-urban	ltr/100	7.4	5.0 (5.3)
Composite	ltr/100	8.8	5.6 (5.6)
CO ₂	g/km	204	149 (147)
Emission classification		EU5	EU5
Insurance category			
KH / VK / TK		3)	3)

Technical data valid for ACEA markets/Part of registration-specific data only apply to Germany (weights, top speed)
BMW X3 xDrive20d: Data in parentheses apply to automatic transmission

- 1) Height without roof aerial: 1675 mm
- 2) Oil filling quantity
- 3) Data not yet available