



**The new BMW X1.
Contents.**

1. Urban all-rounder delivers boundless driving pleasure. The new BMW X1.	
(Short version).....	2
2. At a glance.....	4
3. The concept: Authentic BMW X model in a compact format.....	6
4. The design: Dynamic, authoritative and with an established premium character.....	7
5. Powertrain and driving experience: Wide range of innovations for wide-ranging sporting ability.....	10
6. BMW EfficientDynamics in the new BMW X1: Complete package ensures exceptional efficiency.....	13
7. Body and equipment: More space for variable use and exclusive comfort.....	16
8. BMW ConnectedDrive in the new BMW X1: Progress through intelligent connectivity.....	18
9. Specifications.....	19
10. Exterior and interior dimensions.....	23

1. Urban all-rounder delivers boundless driving pleasure. The all- new BMW X1. (Short version)

The new BMW X1 – the successor to the model that blazed the trail for this class of car – treats the premium compact segment to an even more potent shot of Sports Activity Vehicle DNA. The second generation of this successful model, more than 730,000 units of which have now been sold, takes to the stage with a body design straight out of the BMW X model mould. The interior of the new BMW X1, meanwhile, offers significantly more space for passengers and luggage, a cutting-edge premium ambience and functionality grounded in solid engineering. Four-cylinder engines from the BMW Group’s latest generation of power units, an efficiency-optimised version of the BMW xDrive intelligent all-wheel-drive system and newly developed chassis technology all help to palpably enhance sporting ability and ride comfort compared to the outgoing model – with fuel consumption and emissions reduced by up to 17 per cent, model-on-model.

Alongside its market-leading dynamics and efficiency, a host of innovative equipment features also help to secure the new BMW X1 its stand-out position in the segment. There are host of features prominent ones are full-LED headlights, the BMW Head-Up Display, Panoroma Sunroof, Navigation Plus with iDrive Touch Controller.

A typical BMW X model: sturdy proportions, impressive variability and established premium characteristics.

Rugged proportions, a powerful presence and dynamic lines lend the new BMW X1 a commanding in the BMW X model family. The new model has grown in height compared to its predecessor (+53 millimetres), which has helped increase the spaciousness of the interior. And its significantly raised seating position (+36 millimetres at the front, +64 millimetres at the rear) optimises the driver’s view out over the road.

Knee room in the rear has increased by 37 millimetres and by up to 66 millimetres with adjustable rear seat, while the 505-litre boot capacity is 85 litres larger than that of its predecessor which can be extended to as much as 1,550 litres.

The interior design of the new BMW X1 combines the driver-focused cockpit design that has become a hallmark of the brand's models with touches promoting authoritative, SAV-style driving pleasure and a contemporary premium ambience.

New generation of engines, efficiency-optimised xDrive all-wheel-drive system.

The new generation BMW X1 comes with all-new BMW TwinPower Turbo 4-cylinder 2 liter diesel engine (Fuel economy of 20.68 km/l and CO2 emission of 127.89 g/km) with the power output of 140kW(190 hp) @ 4000 rpm.

The engines link up with either 8-Speed Steptronic Automatic transmission or 8-Speed Steptronic Automatic Sport transmission (incl. Launch control and Paddle shifts), both of which are new developments.

The xDrive intelligent all-wheel-drive system also takes its place in the new BMW X1 in a further developed form. The weight-saving, compact and efficient system uses an electro-hydraulically controlled multi-plate clutch to distribute drive between the front and rear axle just as required for the situation at hand.

Premiere in the BMW X1: Head-Up Display and Navigation Plus with iDrive Touch Controller.

The change of BMW X1 generations also brings significant advances in the field of intelligent connectivity. A new addition to the range of BMW ConnectedDrive features is a BMW Head-Up Display which, as in the larger BMW X models, projects driving-related information directly onto the windscreen. The BMW X1 also comes with Navigation Plus with iDrive Touch controller. Extended functionalities such as distance from destination, estimate time of arrival etc. along with 22.3cm display takes the connected drive experience to all new level. These systems are complemented by an up-to-the-minute selection of apps allowing customers to add to the car's comfort, navigation and infotainment functionality, as desired.

2. At a glance

- Second generation of the globally successful BMW X representative in the premium compact segment, of which more than 730,000 units have been sold.
- Body design displays the hallmark BMW X design language; rugged proportions, powerful presence, dynamic lines.
- Newly designed interior with significantly improved space and variability, combined with the latest update of the premium ambience for which the brand is renowned.
- Latest-generation four-cylinder diesel engine and 8-speed gearboxes ensure segment-leading sporting ability and efficiency.
- All-new chassis technology delivers segment-leading dynamics and noticeably enhanced ride comfort
- iDrive operating system, rain-sensing wipers, Servotronic and Driving Experience Control switch as standard.
- Features such as full-LED headlights with cornering function, Panorama sunroof and 2 Zone automatic air conditioning puts New generation BMW X1 in a league of its own.
- New generation BMW X1 which is also available in xLine and M Sport, not only makes it more robust but also appealing from exterior as well as interior.
- Extensive additions to the BMW ConnectedDrive range: BMW Head-Up Display projecting driving-related information directly onto the windscreen, Navigation Plus with iDrive touch controller, BMW Apps and parking sensors.

- **Model variants:**

The TwinPower Turbo 1,995 cc four-cylinder diesel engine delivers excellent power output and responsiveness even at low RPMs. The turbocharger technology with variable turbine geometry and common rail direct fuel injection system ensures both fuel efficiency and low emissions that yields an exceptional power output of 140 kW / 190 hp. High torque of 400 Nm is available at just 1,750 – 2,750 rpm.

The all-new BMW X1sDrive 20d (Expedition and xLine) accelerates from 0 to 100 km / hr in 7.6 seconds with a top speed of 222 km / hr.

The all-new BMW X1xDrive 20d (xLine and M Sport) accelerates from 0 to 100 km / hr in 7.8 seconds with a top speed of 219 km / hr.

Combined CO2 emission in g/km	127.89
Fuel economy (km/l)	20.68 (Best In Segment)

* Performance data as measured in the emission test done under controlled conditions of environment, driving cycle, fuel etc. as specified in Rule 115 of Central Motor Vehicle Rules, 1989.

3. The concept: An authentic BMW X model.

- **Second generation of the successful premium compact model; sales have exceeded 730,000 units worldwide.**
- **Commanding appearance, variability and driving pleasure in the style of the BMW X model family.**
- **Innovative connectivity and groundbreaking BMW EfficientDynamics technology unparalleled in the segment.**

The first generation of the BMW X1 introduced the premium compact segment to the type of driving pleasure for which BMW X models have become renowned. More than 730,000 units of the X1 have been sold around the world, and the singular qualities upon which the car's success is based have acquired even greater depth as part of the development of the new model generation. The status of the X1 as a member of the BMW X model family is now displayed even more clearly in both its exterior appearance and the design of the interior. The sporting prowess and efficiency of the X1 have also been enhanced, and the array of innovative equipment features earmarked to fulfil individual requirements in terms of comfort, safety and infotainment has grown. The new BMW X1 therefore has all the ingredients to remain a stand-out player in the segment founded by its predecessor and to introduce new target groups to the thrill of driving pleasure, BMW-style.

Commanding and versatile in the BMW X family mould.

Its raised seating position, increased space, stylish premium ambience and even greater interior variability underline the status of the new BMW X1 as an assured, multitalented addition to the segment. The even better view it affords the driver over the road ensures effortless driving pleasure.

The versatility typical of a BMW X model is expressed not only in the driving characteristics of the X1 on various types of terrain, but also in its interior. The new BMW X1 offers more space for passengers and luggage and raises variability another notch. The rear seat with split/folding backrest and ability to slide forwards and backwards by 13 centimeters.

4. The design: Dynamic, authoritative and with an established premium character.

- **Robust proportions familiar from other BMW X models combine with distinctively dynamic lines.**
- **Interior design specialises in driving pleasure headlined by a commanding presence and high-quality ambience.**
- **Expedition, xLine and M Sport packages include specific design features allowing versatility and dynamism.**

The passing of the baton from the original BMW X1 to the second-generation model encapsulates a far-reaching maturing process clearly expressed in the design of both the exterior and the interior. Robust proportions, powerfully sculpted surfaces and design features typical of a Sports Activity Vehicle lend the new model an assured appearance and immediately identify it as a member of the BMW X model family. Its dynamic lines when viewed from the side imbue the new BMW X1 with a distinctive, fresh and youthful aura.

Another feature of the new BMW X1 that is unique in segment is the design of the interior, which majors on authoritative driving pleasure. The slightly raised seating position typical of a BMW X model, a new interpretation of the hallmark driver-focused cockpit and elegant, width-accentuating surfaces are complemented by a premium ambience exuding exclusive material quality and workmanship. The Expedition, xLine and M Sport include special design features for the exterior and interior. They allow X1 customers to give their car an individual character that illuminates either the agile sportiness or versatile off-road nature of the new BMW X1 with even greater intensity.

Commanding presence, robust proportions, and dynamic lines. The large, upright BMW kidney grille, three-section lower air intake and characteristic “six-eyed” look formed by the twin circular headlights and foglamps below them are the stand-out features of the new model’s front end. Flared wheel arches and lines converging in an X-shape into the kidney grille likewise contribute to the authoritative presence customary of BMW X models.

At 4,439 millimetres long, 1,821 millimetres wide and 1,598 millimetres tall, the proportions of the new BMW X1 follow the Sports Activity Vehicle blueprint. The new car has grown most notably in height compared to its predecessor (+53 millimetres), which helps to create extra space in the interior. The athletic impression created by the side view is complemented by a model-specific, dynamic wedge shape formed by the roofline, eye-catching character lines and window surfaces that taper towards the rear.

Interior offers harmonious balance between driver focus and luxuriant elegance. With its fine balance of a driver-focused cockpit design and elegance shaped by generously-sized surfaces, the interior of the new BMW X1 fits the classic stylistic template of a Sports Activity Vehicle. The flat surfaces of the instrument panel and centre console controls angled towards the driver help them maintain unruffled control over the car's progress. The controls located in the lower section of the centre console are surrounded by high-quality surfaces and are marked off from the front passenger side by a newly designed bar. The instrument cluster, consisting of two circular instruments and framed by a small binnacle, also helps the driver to focus on the driving experience.

The iDrive operating system's Control Display comes in the form of 16.5cm or 22.23cm free standing monitor. The interior trim strip and air vents are bordered by an accent strip spanning the full width of the instrument panel. The interior strip and accent strip extend through the door panel trim, with the effect that occupants in all seats are surrounded by surfaces with a uniform material and colour structure.

Exclusive equipment lines with specific design features.

Expedition: The all-new BMW X1 includes seat surfaces in the colour combination of Canberra Beige/Black or Black/Black and interior trim strips in Black high-gloss with highlight trim finishers Pearl Chrome.

xLine: The exterior of the xLine model features a BMW kidney grille with bars that are matt aluminium at the front. The xLine's rugged character is also accentuated by matt silver accents for the air intakes, side skirts and underbody protection. The interior comprises seats in Sensatec Canberra Beige/Black or Black/Black interior trim strips in Fine-wood trim oak grain matt and 45.72cm (18 inch) Y spoke style light alloy wheels with and LED optical fibres in the door panel trim.

M Sport: The M Sport model is fitted with a model-specific M aerodynamic package and 18-inch Bicolour Double M light-alloy wheels that lend even further emphasis to its dynamic character. The interior of the M Sport model features

sports seats in Dakota leather with perforations, and Fine-Wood trim “Fineline” stream with highlight trim finishers Pearl chrome. It’s extremely sporty cockpit design also includes an M leather steering wheel a BMW Individual headliner in Anthracite and LED optical fibers in the door panel trim.

5. Powertrain and driving experience: Wide range of innovations for wide-ranging sporting ability.

- **Four-cylinder 2.0-liter diesel engine with BMW TwinPower Turbo technology from the BMW Group's latest generation of power units.**
- **New version of BMW xDrive intelligent all-wheel drive.**

The second generation of the BMW X1 uses all-new powertrain and chassis technology to build systematically on the BMW X model's stand-out position as the epitome of versatile sporting ability in its segment. The new version of the BMW xDrive intelligent all-wheel-drive system adapts perfectly to even most challenging road condition. With BMW xDrive and Dynamic Stability Control (DSC), the vehicle remains stable and on track.

Another factor in the further enhanced agility of the BMW X1 is the likewise newly developed chassis technology, which ensures not only precisely controllable handling, but also noticeably improved ride comfort. Together with the car's low centre of gravity, virtually perfect 50 : 50 weight distribution, a wide track, short overhangs, optimised weight and the impressive rigidity of the body and chassis, this lays the foundation for a driving experience familiar to BMW drivers but without parallel in the segment.

Efficient power sources: all-new line-up of engines.

The new BMW X1 will be available with an all-new 2.0-liter displacement diesel unit and BMW TwinPower Turbo technology.

The diesel engines in the BMW X1 xDrive20d feature turbocharging with variable turbine geometry and an injection system generating a maximum pressure of 2,000 bar. Maximum output is up 5 kW on their predecessor engines and now stands at 140 kW/190 hp. Drivers of these two models can look forward to peak torque of 400 Nm. The new BMW X1 xDrive20d, is fitted with the eight-speed Steptronic Automatic or Automatic Sport transmission, accelerates from 0 to 100 km/h in 7.8 seconds. With lower fuel consumption Of 20.68 km/l and CO2 Emission of 127.89 g/km.

* Disclaimer: Performance data as measured in the emission test done under controlled conditions of environment, driving cycle, fuel etc. as specified in Rule 115 of Central Motor Vehicle Rules, 1989.

Flexible, quick to respond and more efficient than ever: the xDrive intelligent all-wheel-drive system in the new BMW X1.

The xDrive intelligent all-wheel-drive system is also available in updated form for the second generation of the BMW X1. The compact, low-weight and efficient all-wheel-drive system distributes the engine's power between the front and rear axle exactly as the situation requires – at all times. Linking up with DSC (Dynamic Stability Control) allows the system to act pre-emptively to counteract any inclination on the car's part towards oversteer or understeer. It does this by diverting power to the wheel or wheels where it can be transferred to the road to maximum effect. The BMW xDrive system therefore ensures supreme traction, optimised directional stability and enhanced cornering dynamics in all weather and road conditions. Furthermore, the combination of the DSC system and xDrive also includes Hill Descent Control, which can be activated at the touch of a button.

The xDrive system of the new BMW X1 consists of a single-speed bevel gear in the front-axle drive unit (a power take-off), and a rear-axle drive unit with an electrohydraulically controlled hang-on multi-plate clutch. The two are connected by a two-piece drive shaft. In normal driving situations, power is sent to the front wheels. When required, however, the hang-on clutch – with the help of an electrohydraulic pump – diverts up to 100 per cent of the engine's power to the rear wheels. It does so within fractions of a second and unnoticed by the driver. The DSC system keeps the pump's control unit constantly supplied with important data for analysing the driving situation. The data includes the car's speed, lateral and longitudinal acceleration, steering lock, wheel speed, pitch, accelerator position and the Driving Experience Control and DSC settings. This information is used to determine – and instantly generate – the ideal power split between the front and rear wheels, seamlessly and flexibly.

A recipe for enthralling agility: sophisticated chassis technology, Servotronic speed-sensitive steering assist and Driving Experience Control switch.

The chassis technology of the original X1 has been totally redeveloped for the new model and now comprises single-joint strut suspension at the front and a multi-link rear axle. Aluminum swivel bearings, as well as axle carriers and control arms made from high-strength steel, reduce weight and increase the rigidity of the front axle, which in turn helps to ensure an agile turn-in response and direction-changing precision. The rear axle also employs a high proportion of high-strength steels.

Tube-shaped anti-roll bars at the front and rear axle, innovative axle mounting and specially tuned elastokinematics contribute to the agility and ride comfort of the new BMW X1, as do the connection of the dampers to the body via sophisticated three-way support mounts.

The new BMW X1 is equipped as standard with Servotronic speed-sensitive steering assistance which provides an immediate response, reduced steering effort when parking and driving and delivers precise feedback.

The Driving Experience Control switch on the centre console allows the driver to give the car's set-up an even sportier, more comfort-oriented or efficiency-optimised character. Calling up COMFORT, SPORT or ECO PRO mode at the touch of a button adapts the responses of the accelerator pedal and steering.

The DSC stability system includes features such as the Anti-lock Braking System (ABS), Dynamic Traction Control (DTC), Cornering Brake Control (CBC), Dynamic Brake Control (DBC), Brake Assist system, Fading Compensation, a Dry Braking function and a Start-Off Assistant. When DSC is deactivated, an electronic locking function for the front axle differential – known as Electronic Differential Lock Control (EDLC) – comes into play. In tight corners it brakes a spinning wheel as required and ensures power is diverted to the other wheel.

6. BMW EfficientDynamics in the new BMW X1: Complete package ensures exceptional efficiency.

- **Segment-leading aerodynamics thanks to features including Air Curtains and aeroblades.**
- **New generation of engine, gearbox, and BMW xDrive with optimised efficiency.**
- **BMW EfficientLightweight: intelligent mix of materials and detailed weight reduction.**

The enhanced functional effectiveness of all powertrain components, intelligent energy management, the rigorous application of BMW Lightweight technology and far-reaching measures designed to optimise aerodynamics all play a role in ensuring the BMW X1 generation change has brought with it significant advances in efficiency. The innovations developed under the BMW EfficientDynamics banner form an overall package that delivers greater driving pleasure combined with lower fuel consumption and emissions, plus lower weight yet extra rigidity for the body and chassis.

On-demand cooling, optimised lines.

Systematic improvements have also been made to the aerodynamics of the new BMW X1. The Air Curtains integrated into the outer air intakes channel the onrushing air precisely behind the front side panels, causing it to hang over the wheels like a curtain and thus reduce turbulence.

The new BMW X1 also has smooth underbody panelling, air deflectors on the front wheel arches and vertical aeroblades, which form a unit with the roof spoiler to channel the airflow around the rear of the car to best effect. With the drag coefficient (Cd) of the X1 now as low as 0.29, depending on the model variant, the new model also leads the way in its segment when it comes to aerodynamics.

Engines, gearboxes and BMW xDrive: lower weight, improved efficiency.

The 2.0 liter diesel engine in the BMW Group's new generation of power units work with the latest incarnation of BMW TwinPower Turbo technology. This contains elements such as turbochargers integrated into the exhaust manifold, plus a common-rail direct injection system working at even higher pressure for the diesel units. The impressive functional effectiveness of the new power units is also assisted by an aluminium crankcase and cylinder heads, forged steel crankshafts with an integrated balancer shaft drive, low-weight pistons, forged connecting rods, friction-reduced cylinder coatings and map-controlled oil pumps.

With their reduced weight and enhanced internal efficiency, the new eight-speed Steptronic Automatic or Sport Automatic transmission also help to optimise efficiency. The reduced converter slip of the new automatic transmission cuts energy losses, and its wider gear spread keeps revs lower at higher vehicle speeds.

The version of the BMW xDrive intelligent all-wheel-drive system developed for the new BMW X1 is considerably lighter. Furthermore, the powertrain's torque losses in normal driving situations are reduced by around 30 per cent thanks to the new hang-on multi-plate clutch. The improved functional effectiveness of the new rear differential also helps to deliver a particularly efficient all-wheel-drive experience.

Intelligent energy management, ECO PRO mode with coasting function.

The BMW EfficientDynamics technology employed in the new BMW X1 includes intelligent energy management. Brake Energy Regeneration enables extremely efficient power generation for the on-board power supply. The Electric Power Steering and on-demand fuel and coolant pumps work with maximum efficiency, while shorter glow phases reduce the amount of energy required when starting the diesel engines. The Optimum Shift Indicator and Auto Start Stop function are also part of the standard specification for the new BMW X1.

ECO PRO mode – activated via the Driving Experience Control switch – also allows drivers of new BMW X1 models with eight-speed Steptronic Automatic or Sport Automatic transmission to make use of the coasting function. At speeds between 50 and 160 km/h (31–99 mph), the powertrain is disengaged as soon as the driver takes his or her foot off the accelerator. Further efficiency gains have been achieved with items including reduced-friction wheel bearings and tyres with lower rolling resistance.

BMW EfficientLightweight: a kilo-shedding route to enhanced agility, safety and efficiency.

An intelligent mix of materials for the body structure and chassis components of the new BMW X1 allows increased agility and enhanced safety to be combined with optimised vehicle weight. The targeted use of hot-stamped, high and ultra-high tensile steels enables reduced materials usage yet also significantly improved torsional rigidity and strength. Like the bonnet, the bumper supports and wheel swivel bearings – among other areas of the car – are made from aluminum.

The weight of the chassis has been reduced by the deployment of components such as tube-shaped anti-roll bars, output shafts not to mention the increased use of aluminium. Added to which, the integrated BMW EfficientLightweight concept also contains solutions for construction details, such as the production of steel with optimised material strength – in the form of tailored rolled blanks – for the front bulkhead and B-pillar support beams.

7. **Body and equipment: More space for variable use and exclusive comfort.**

- **Increases in storage capacity, Mechanical fore-and-aft adjustment of rear seats and Front seat electric adjustment with memory for driver.**
- **High-quality standard specification including iDrive operating system, hands-free telephone facility and USB interface.**
- **Targeted individualization Expedition, xLine and M Sport models.**

The cutting-edge vehicle concept behind the new BMW X1 is also reflected in the significant progress made in the areas of functionality, safety and comfort. This multitasking model not only offers more space for passengers and luggage, it also impresses with additional variability when it comes to utilising its load-carrying capacity. Extensive attractive features underline the premium character of the compact BMW X model. Specific design features combined with high-quality equipment details also play their part in the new BMW X1's exclusive aura.

The raised seating position (by 36 millimetres in the front and 64 millimetres in the rear compared to the predecessor model), increased headroom, shoulder room and elbow room available to all occupants inside the new BMW X1, along with the horizontal surface design in the interior, create generous levels of space and an ambience typical of a Sports Activity Vehicle. Knee room at the rear has increased by 37 and by up to 66 millimetres with adjustable rear seat, while boot capacity of 505 litres represents an 85-litre improvement on the first-generation X1 and can be increased further to as much as 1,550 litres by folding down the split rear seat. With rear seat adjustment, rear seat can slide forward or back by up to 13 centimetres, allowing seating comfort and storage capacity to be adjusted even more precisely to needs. The folding process for the backrests can be initiated electrically from the boot area at the touch of a button.

The passenger compartment of the new BMW X1 has large door pockets offering space for items such as one-litre bottles, plus a selection of other storage areas. An armrest for the driver and front passenger with integrated storage compartment is also available.

Attractive equipment variants, exclusive comfort-enhancing options.

The new BMW X1 is fitted with the iDrive operating system with high-resolution colour display or iDrive Touch controller with 22.3cm high resolution colour display, also an audio system with six loudspeakers or HiFi loudspeaker system with 7 speakers, an AUX-in socket and USB interface, a hands-free facility for telephones, the Driving Experience Control switch and air conditioning. Standard specification also includes front foglamps, remote-controlled central locking and keyless engine ignition, electric window controls, electrically adjustable exterior mirrors, a leather steering wheel adjustable for height and reach and a rain sensor including automatic headlight control. The New Generation BMW X1 also offers multifunction buttons on the steering wheel, two-zone automatic climate control and Park Distance Control with rear-mounted sensors. The xLine and M Sport models are likewise fitted with these equipment items. But along with their specific exterior and interior design features, they also offer a sports leather steering wheel – or an M leather steering wheel.

Other features include Panorama glass roof covering a 1,200 x 847-millimetre area. iDrive with 16.5cm or 22.3cm display and HiFi loudspeaker system complete with 7 loudspeakers and 205 watt output, provide an outstanding audio experience while on the road.

8. **BMW ConnectedDrive in the new BMW X1**

- **BMW Head-Up Display projects relevant driving information onto the windscreen.**
- **Park Distance Control- Rear**

Pointing the way to the future – and your destination: Navigation Plus including BMW Head-Up Display.

Navigation Plus system, which comprises a bigger, Control Display, an instrument cluster with extended features, a split-screen function for the Control Display as well as the BMW Head-Up Display. This system allows High Guidance instructions to be shown in the instrument cluster's TFT display or projected onto the windscreen, as desired. The BMW Head-Up Display projects this and other information directly into the driver's field of view, allowing him or her to register the information without having to divert their gaze from the road ahead. The graphics are displayed using the full spectrum of colours. Park Distance Control makes precise and comfortable manoeuvring that much easier.

1. Specifications.

BMW X1 xDrive20d.



BMW X1 xDrive20d		
Body		
No. of doors/seats		5 / 5
Length/width/height ¹⁾	mm	4439 / 1821 / 1598
Wheelbase	mm	2670
Track, front/rear	mm	1561 / 1562
Ground clearance	mm	165
Fording depth	mm	250
Turning circle	m	11.4
Tank capacity	approx. ltr	51
Engine oil ²⁾	ltr	5.0
Weight, unladen, to DIN/EU	kg	1550 / 1625
Max. load to DIN	kg	595
Max. permissible weight	kg	2145
Max. axle load, front/rear	kg	1130 / 1070
Luggage comp. capacity	ltr	505 – 1550
Air resistance	$c_d \times A$	0.29 x 2.46
Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct fuel injection with solenoid injectors, maximum injection pressure 2000 bar
Effective capacity	cm ³	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		diesel
Output	kW/hp	140 / 190
at	rpm	4000
Torque	Nm	400
at	rpm	1750 – 2500
Electrical System		
Battery/Installation	Ah/–	80 / luggage comp.
Alternator	A/W	150 / 2100
Driving Dynamics and Safety		
Suspension, front		Single-joint spring-strut axle in lightweight aluminium-steel construction
Suspension, rear		Multi-arm axle in lightweight steel construction with separate spring and damper configuration
Brakes, front		Single-piston floating-calliper disc brakes / vented
Brakes, rear		Single-piston floating-calliper disc brakes / vented
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, EDLC (Electrically Controlled Differential Lock Control), Performance Control, cross-linking with xDrive all-wheel drive system; optional: Dynamic Damper Control
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS) with Servotronic function,
Steering ratio, overall	:1	15.7
Tyres, front/rear		225/50 R18
Rims, front/rear		7.5J x 18 light-alloy

BMW X1 xDrive20d

Transmission

Type of gearbox	8-speed Steptronic transmission		
Gear ratios	I	:1	5.250
	II	:1	3.029
	III	:1	1.950
	IV	:1	1.457
	V	:1	1.221
	VI	:1	1.000
	VII	:1	0.809
	VIII	:1	0.673
	R	:1	4.015
Final drive		:1	2.955

Performance

Power-to-weight ratio (DIN)	kg/kW	11.1	
Acceleration	0–100 km/h	7.6 seconds	
in 5th gear	80–120 km/h	s	–
Top speed	km/h	219	

BMWEfficientDynamics

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, final drive with optimised warm-up behaviour, efficiency- and weight-optimised all-wheel drive, tyres with reduced roll resistance
---	--

Fuel consumption

With standard tyres		
Fuel Economy	km/l	20.68
CO ₂	g/km	127.89

* Disclaimer: Performance data as measured in the emission test done under controlled conditions of environment, driving cycle, fuel etc. as specified in Rule 115 of Central Motor Vehicle Rules, 1989.

BMW X1 sDrive20d.

BMW X1 sDrive20d

Body		
No. of doors/seats		5 / 5
Length/width/height ¹⁾	mm	4439 / 1821 / 1598
Wheelbase	mm	2670
Track, front/rear	mm	1561 / 1562
Ground clearance	mm	165
Fording depth	mm	250
Turning circle	m	11.4
Tank capacity	approx. ltr	51
Engine oil ²⁾	ltr	5.0
Weight, unladen, to DIN/EU	kg	1550 / 1625
Max. load to DIN	kg	595
Max. permissible weight	kg	2145
Max. axle load, front/rear	kg	1130 / 1070
Luggage comp. capacity	ltr	505 – 1550
Air resistance	c _d x A	0.29 x 2.46
Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct fuel injection with solenoid injectors, maximum injection pressure 2000 bar
Effective capacity	cm ³	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		diesel
Output	kW/hp	140 / 190
at	rpm	4000
Torque	Nm	400
at	rpm	1750 – 2500
Electrical System		
Battery/Installation	Ah/-	80 / luggage comp.
Alternator	A/W	150 / 2100
Driving Dynamics and Safety		
Suspension, front		Single-joint spring-strut axle in lightweight aluminium-steel construction
Suspension, rear		Multi-arm axle in lightweight steel construction with separate spring and damper configuration
Brakes, front		Single-piston floating-calliper disc brakes / vented
Brakes, rear		Single-piston floating-calliper disc brakes / vented
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, EDLC (Electrically Controlled Differential Lock Control), Performance Control, cross-linking with xDrive all-wheel drive system; optional: Dynamic Damper Control
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Defect Indicator
Steering		Electric Power Steering (EPS) with Servotronic function,
Steering ratio, overall	:1	15.7
Tyres, front/rear		225/50 R18/ 225/55 R17
Rims, front/rear		7.5J x 18 light-alloy/ 7.5J x 17 light alloy

BMW X1 sDrive20d

Transmission

Type of gearbox	8-speed Steptronic transmission		
Gear ratios	I	:1	5.250
	II	:1	3.029
	III	:1	1.950
	IV	:1	1.457
	V	:1	1.221
	VI	:1	1.000
	VII	:1	0.809
	VIII	:1	0.673
	R	:1	4.015
Final drive		:1	2.955

Performance

Power-to-weight ratio (DIN)	kg/kW	11.1	
Acceleration	0–100 km/h	7.8seconds	
in 5th gear	80–120 km/h	s	–
Top speed	km/h	222	

BMWEfficientDynamics

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, final drive with optimised warm-up behaviour, efficiency- and weight-optimised all-wheel drive, tyres with reduced roll resistance
---	--

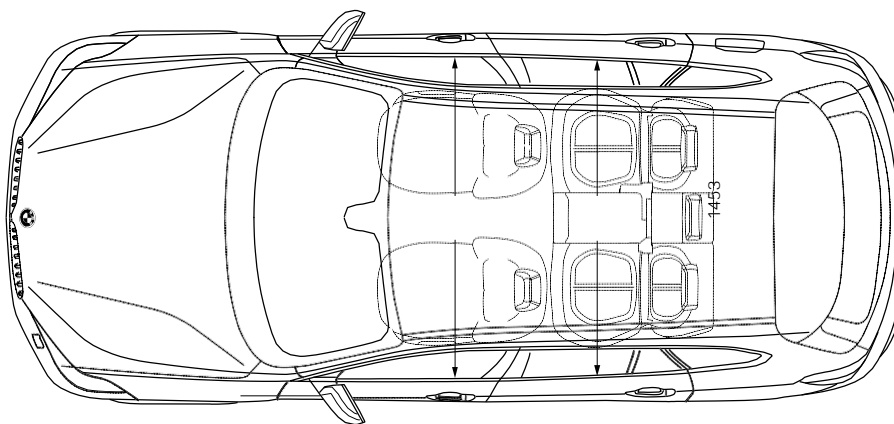
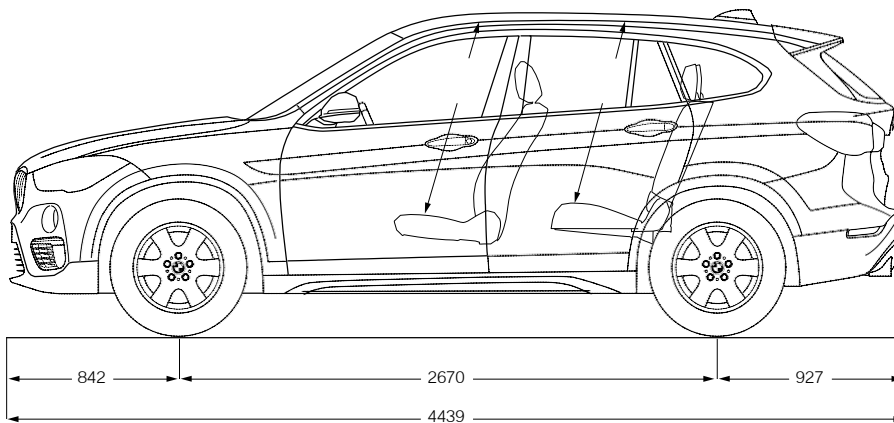
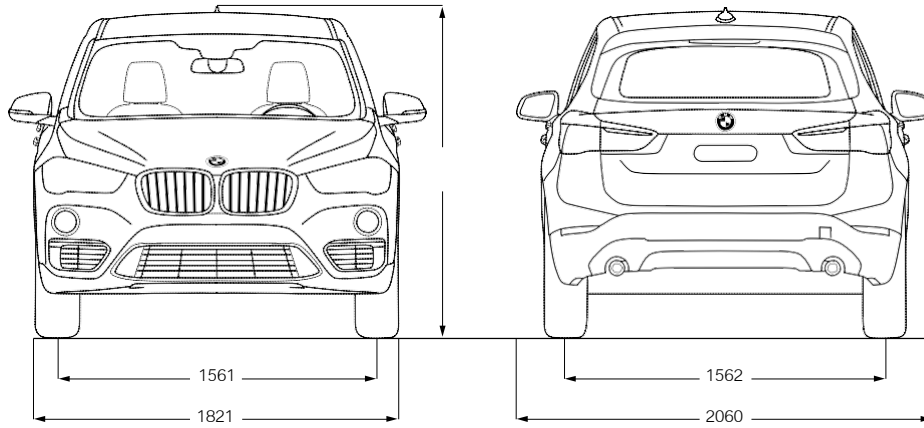
Fuel consumption

With standard tyres		
Fuel Economy	km/l	20.68
CO ₂	g/km	127.89

* Disclaimer: Performance data as measured in the emission test done under controlled conditions of environment, driving cycle, fuel etc. as specified in Rule 115 of Central Motor Vehicle Rules, 1989.



2. Exterior and interior dimensions. The new BMW X1.



*Height measured from antenna