

Technical specifications.

BMW X1.

X1 sDrive20i.



BMW X1 sDrive20i		
Body		
No. of doors / seats		5 / 5
Length/width/height (unladen)	mm	4500 / 1845 / 1642
Wheelbase	mm	2692
Track, front/rear	mm	1592 / 1593
Ground clearance	mm	205
Turning circle	m	11.7
Fuel tank capacity	approx. l	45
Engine oil ¹⁾	l	4.5
Weight, unladen, to DIN/EU	kg	1550 / 1625
Max. load to DIN	kg	570
Max. permissible weight	kg	2120
Max. axle load, front/rear	kg	1120 / 1080
Max. trailer load		
braked (12%/unbraked)	kg	1800 / 750
Max. roofload/towbar download	kg	75 / 80
Luggage comp. capacity	l	500 – 1545
Air resistance	c _x	0.26
Power Unit		
Engine technology		BMW TwinPower Turbo technology: turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing, 48V mild hybrid technology using an electric motor integrated into the transmission
Max. output, overall ²⁾	kW/hp	125 / 170
Max. torque, overall ²⁾	Nm	280
Petrol Engine		
Config./No. of cyls./valves		In-line / 3 / 4
Effective capacity	cc	1499
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.1
Fuel		Min. RON 91
Nominal power	kW/hp	115 / 156
at	rpm	4700 – 6500
Nominal torque	Nm	240
at	rpm	1500 – 4400
Output per litre	kW/l	76.7
Electric Motor		
Nominal power	kW/hp	14 / 19
Nominal torque	Nm	55
Electrical System		
12V battery/installation	Ah/–	60 / engine compartment
48V battery/installation	Ah/–	20 / luggage compartment
Driving Dynamics and Safety		
Suspension, front		Single-joint spring strut axle in lightweight aluminium-steel construction
Suspension, rear		Three-link axle in lightweight steel construction
Brakes, front		Single-piston floating-calliper disc brakes
Brakes, rear		Single-piston floating-calliper disc brakes
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), ARB technology (near-actuator wheel slip limitation), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Performance Control, Dry Braking function, fading compensation, drive-off assistant, trailer stability control; optional: adaptive M suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, interaction airbag between driver and front passenger, three-point inertia-reel seatbelts on all seats with belt tensioner and belt force limiter at the front, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS) with Servotronic function, optional: M sport steering
Steering ratio, overall	:1	15.5
Tyres, front/rear		205/65 R17 100Y XL
Rims, front/rear		7J x 17 light-alloy

BMW X1 sDrive20i		
Transmission		
Type of transmission	Seven-speed Steptronic transmission with double clutch	
Gear ratios	I :1	16.991
	II :1	10.588
	III :1	7.072
	IV :1	4.945
	V :1	3.777
	VI :1	3.043
	VII :1	2.518
	R :1	16.323
Final drive	:1	3.944
Performance		
Power-to-weight ratio (DIN)	kg/kW	12.4
Acceleration 0–100 km/h	s	8.3
Top speed	km/h	216
BMW EfficientDynamics		
BMW EfficientDynamics standard features	48V mild hybrid technology, Brake Energy Regeneration with recuperation display, Automatic Start/Stop function, PERSONAL and EFFICIENT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance	
Fuel Consumption ECE		
Combined (WLTP)	l/100	6.6 – 5.9
Combined (NEDC)	l/100	–
CO ₂ (WLTP)	g/km	149 – 133
CO ₂ (NEDC)	g/km	–
Emission rating		Euro 6d

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

¹⁾ Oil change

²⁾ Developed by the combination of the combustion engine (stated nominal figure) and the electric motor (up to stated nominal figure)

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

All values were calculated based on the new WLTP test cycle. WLTP values are taken as the basis for determining vehicle-related taxes or other duties based (at least inter alia) on CO₂ emissions as well as eligibility for any applicable vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures can also be found at www.bmw.de/wltp.

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>.