

Technical specifications.

BMW X1. X1 xDrive20d.



BMW X1 xDrive20d		
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	6.5
Weight, unladen, to DIN/EU	kg	1690 / 1765
Max. load to DIN	kg	570
Max. permissible weight	kg	2260
Max. axle load, front/rear	kg	1170 / 1150
Max. trailer load braked (12%)/unbraked	kg	2000 / 750
Max. roofload/towbar download	kg	75 / 80
Luggage comp. capacity	l	500 – 1545
Air resistance	c _x	0.27
Power Unit		
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, high- and low-pressure turbochargers with variable intake geometry, common-rail direct injection with solenoid injectors (max. injection pressure: 2500 bar), 48V mild hybrid technology using an electric motor integrated into the transmission
Max. output, overall ²⁾	kW/hp	120 / 163
Max. torque, overall ²⁾	Nm	400
Diesel Engine		
Config./No. of cyls./valves		In-line / 4 / 4
Effective capacity	cc	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Nominal power	kW/hp	110 / 150
at	rpm	4000
Nominal torque	Nm	360
at	rpm	1500 – 2500
Output per litre	kW/l	55.1
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, DSC networked with xDrive all-wheel-drive system; 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

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Transmission

Type of transmission	Seven-speed Steptronic transmission with double clutch		
Gear ratios	I	:1	15.870
	II	:1	9.302
	III	:1	5.735
	IV	:1	4.015
	V	:1	3.108
	VI	:1	2.487
	VII	:1	2.016
	R	:1	14.255

Performance

Power-to-weight ratio (DIN)	kg/kW	14.1
Acceleration 0–100 km/h	s	8.6
Top speed	km/h	210

BMW EfficientDynamics

BMW EfficientDynamics standard features	48V mild hybrid technology, Brake Energy Regeneration with recuperation display, Electric Power Steering, Automatic Start/Stop function, Optimum Shift Indicator, PERSONAL and EFFICIENT mode with coasting function, Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter
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Fuel Consumption ECE

Combined (WLTP)	l/100	5.4 – 4.8
Combined (NEDC)	l/100	–
CO ₂ (WLTP)	g/km	142 – 127
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>.