

Specifications. BMW X1. X1 sDrive20d



BMW X1 sDrive20d		
Body		
No. of doors/seats		5 / 5
Length/width/height ¹⁾ (unladen)	mm	4439 / 1821 / 1598
Wheelbase	mm	2670
Track, front/rear	mm	1561 / 1562
Ground clearance	mm	183
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	1480 / 1555 (1500 / 1575)
Max. load to DIN	kg	575 (570)
Max. permissible weight	kg	2055 (2070)
Max. axle load, front/rear	kg	1080 (1110) / 1020
Max. trailer load, braked (12%)/unbraked	kg	1800 / 750
Max. roof load/towbar download	kg	75 / 80
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/–	70 / luggage comp.
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; 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 Pressure Indicator	
Steering	Electric Power Steering (EPS) with Servotronic function, optional: Variable Sport Steering	
Steering ratio, overall	:1	16.0
Tyres, front/rear		225/55 R17 97W
Rims, front/rear		7.5J x 17 light-alloy

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Transmission			
Type of gearbox		6-speed manual (optional: 8-speed Steptronic transmission)	
Gear ratios	I	:1	3.538 (5.250)
	II	:1	1.923 (3.029)
	III	:1	1.219 (1.950)
	IV	:1	0.881 (1.457)
	V	:1	0.810 (1.221)
	VI	:1	0.674 (1.000)
	VII	:1	– (0.809)
	VIII	:1	– (0.673)
	R	:1	3.831 (4.015)
Final drive		:1	3.778 (2.955)
Performance			
Power-to-weight ratio (DIN)	kg/kW		10.6 (10.7)
Output per litre	kW/ltr		70.2
Acceleration 0–100 km/h	s		7.9 (7.8)
in 5th gear 80–120 km/h	s		4)
Top speed	km/h		225 (222)
BMW EfficientDynamics			
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 (automatic), 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, tyres with reduced roll resistance		
Fuel consumption EU cycle ³⁾			
With standard tyres			
Urban	ltr/100 km		5.3 (5.2)
Extra-urban	ltr/100 km		4.0 (4.1)
Combined	ltr/100 km		4.5 (4.5)
CO ₂	g/km		118 (118)
With rims 8J x 19 and tyres 225/45 R19 as well as winter tyres			
Urban	ltr/100 km		5.5 (5.5)
Extra-urban	ltr/100 km		4.2 (4.2)
Combined	ltr/100 km		4.7 (4.7)
CO ₂	g/km		123 (123)
Emission rating			EU6

Technical data valid for ACEA countries/Some permitted weights valid only for Germany
Figures in brackets are for vehicles with automatic transmission

¹⁾ Height with roof aerial: 1612 mm

²⁾ Oil change volume

³⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format

⁴⁾ Data not yet available