

Specifications. BMW X1. X1 sDrive16d



BMW X1 sDrive16d		
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	4.4
Weight, unladen, to DIN/EU	kg	1425 / 1500
Max. load to DIN	kg	595
Max. permissible weight	kg	2020
Max. axle load, front/rear	kg	1030 / 1020
Max. trailer load, braked (12%/unbraked)	kg	1700 / 750
Max. roof load/towbar download	kg	75 / 80
Luggage comp. capacity	ltr	505 – 1550
Air resistance	c _d x A	0.28 x 2.46
Engine		
Config./No. of cyls./valves		in-line / 3 / 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	1496
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		diesel
Output	kW/hp	85 / 116
at	rpm	4000
Torque	Nm	270
at	rpm	1750
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; 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	
Gear ratios	I	:1	3.923
	II	:1	2.136
	III	:1	1.276
	IV	:1	0.921
	V	:1	0.756
	VI	:1	0.628
	R	:1	3.538
Final drive		:1	3.588
Performance			
Power-to-weight ratio (DIN)		kg/kW	16.8
Output per litre		kW/ltr	56.8
Acceleration	0–100 km/h	s	11.1
in 5th gear	80–120 km/h	s	4)
Top speed		km/h	190
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, 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	4.6
Extra-urban		ltr/100 km	3.6
Combined		ltr/100 km	3.9
CO ₂		g/km	104
With rims 8J x 19 and tyres 225/45 R19 as well as winter tyres			
Urban		ltr/100 km	4.9
Extra-urban		ltr/100 km	3.7
Combined		ltr/100 km	4.1
CO ₂		g/km	109
Emission rating			EU6

Technical data valid for ACEA countries/Some permitted weights valid only for Germany

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