

Specifications BMW X1. X1 sDrive16d



BMW X1 sDrive16d			
Body			
No of doors/seats			5 / 5
Length/width/height ¹⁾ (unladen)	mm		4477 / 1798 / 1545
Wheelbase	mm		2760
Track, front/rear	mm		1500 / 1529
Turning circle	m		11.3
Tank capacity	approx. l		61
Cooling system incl heating	l		7.2
Engine oil ²⁾	l		5.2
Weight, unladen, to DIN/EU	kg		1480 / 1555 (1495 / 1570)
Max load to DIN	kg		550
Max permissible weight	kg		2030 (2055)
Max axle load, front/rear	kg		940 / 1155
Max trailer load, braked (12%/unbraked)	kg		1800 / 750
Max roof load/towbar download	kg		75 / 80
Luggage comp capacity	l		420 – 1350
Air drag	c _d x A		0.33 x 2.33
Engine			
Configuration/No of cyls/valves			R / 4 / 4
Engine technology	BMW TwinPower Turbo technology: turbocharger with variable intake geometry, common-rail direct injection, max injection pressure: 1600 bar		
Effective capacity	cm ³		1995
Stroke/bore	mm		90.0 / 84.0
Compression ratio	:1		16.5
Fuel grade			diesel
Output	kW/hp		85 / 116
at	rpm		4000
Torque	Nm		260
at	rpm		1750 – 2500
Electrical system			
Battery/Installation	Ah/–		80 / luggage comp
Alternator	A/W		175 / 2450 (180 / 2520)
Driving dynamics and safety			
Suspension, front	Double-joint spring strut tie bar axle		
Suspension, rear	Five-arm axle with longitudinal control arm and double wishbone		
Brakes, front	Single-piston floating-calliper disc brakes		
Diameter	mm		312 x 24/vented
Brakes, rear	Single-piston floating-calliper disc brakes		
Diameter	mm		300 x 20/vented
Driving stability systems	Standard: DSC incl ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC Dynamic Brake Control), Dry Braking function, Fading Compensation, Hill Start Assist		
Safety equipment	Standard: Airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter in the front, crash sensors, Tyre Defect Indicator		
Steering	EPS (Electric Power Steering), optional: Servotronic		
Steering ratio, overall	:1		16.1
Tyres, front/rear			225/50 R17 94H
Rims, front/rear			7.5J x 17 steel

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BMW ConnectedDrive			
Convenience		Optional: Concierge Services, remote-control functions, Real Time Traffic Information, BMW TeleServices, integration of mobile devices	
Infotainment		Optional: Internet access, BMW Online incl inter alia Park Info, National Info, Google Local Search, News, Realtime Weather, BMW Routes, Office functions, Bluetooth Audio Streaming, Online Update Music Tracks, Apps	
Safety		Optional: Adaptive Headlights with cornering lights, High-Beam Assistant, Park Distance Control, rear-view camera, Cruise Control with braking function, Automatic/Advanced Emergency Call	
Transmission			
Type of gearbox		Six-speed manual (optional: eight-speed automatic with Steptronic)	
Gear ratios	I	:1	4.002 (4.714)
	II	:1	2.109 (3.143)
	III	:1	1.380 (2.106)
	IV	:1	1.000 (1.667)
	V	:1	0.781 (1.285)
	VI	:1	0.645 (1.000)
	VII	:1	– (0.839)
	VIII	:1	0.645 (0.667)
	R	:1	3.647 (3.295)
Final drive		:1	3.231 (3.154)
Performance			
Power-to-weight ratio (DIN)		kg/kW	17.4 (17.6)
Output per litre		kW/l	42.6
Acceleration	0–100 km/h	s	11.5 (11.3)
	0–1000 m	s	33.0 (33.5)
in 4th/5th gear	80–120 km/h	s	10.4 / 14.3 (– / –)
Top speed		km/h	190(189)
Offroad specifications			
Overhang angle, front/rear		°	18.0 / 22.2
Ramp angle		°	16.8
Ground clearance unladen		mm	179
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Brake Energy Regeneration, Optimum Shift Indicator (manual), Auto Start-Stop function, ECO PRO mode (optional), EPS (Electric Power Steering), on-demand operation of ancillary units, final drive with optimised warm-up running qualities, intelligent lightweight design, disengageable climate compressor	
Fuel consumption EU			
Urban	l/100 km		5.7 (5.6)
Extra-urban	l/100 km		4.4 (4.7)
Combined	l/100 km		4.9 (5.0)
CO ₂	g/km		128 (132)
Emissions rating			EU5

Specifications apply to ACEA markets; data relevant to homologation applicable in part only to Germany (weight)
Figures in brackets apply to automatic transmission

- 1) Height including roof antenna: 1567 mm
- 2) Oil change quantity