

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	AW	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
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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