

Specifications BMW X1. X1 sDrive20i, X1 xDrive20i



BMW X1 sDrive20i		BMW X1 xDrive20i
Body		
No of doors/seats	5 / 5	5 / 5
Length/width/height ¹⁾ (unladen)	mm 4477 / 1798 / 1545	4477 / 1798 / 1545
Wheelbase	mm 2760	2760
Track, front/rear	mm 1500 / 1529	1500 / 1529
Turning circle	m 11.3	11.8
Tank capacity	approx. l 63	63
Cooling system incl heating	l 8.2 (8.5)	8.2 (8.5)
Engine oil ²⁾	l 5.75	5.75
Weight, unladen, to DIN/EU	kg 1485 / 1560 (1510 / 1585)	1575 / 1650 (1590 / 1665)
Max load to DIN	kg 550	550
Max permissible weight	kg 2035 (2060)	2125 (2140)
Max axle load, front/rear	kg 940 / 1170	1005 / 1175
Max trailer load, braked (12%/unbraked)	kg 1800 / 750	2000 / 750
Max roof load/towbar download	kg 75 / 80	75 / 80
Luggage comp capacity	l 420 – 1350	420 – 1350
Air drag	c _d x A 0.33 x 2.33	0.34 x 2.33
Engine		
Configuration/No of cyls/valves	R / 4 / 4	R / 4 / 4
Engine technology	BMW TwinPower Turbo technology with twin-scroll turbocharger, High Precision Direct Injection, VALVETRONIC fully variable valve control and double-VANOS fully variable camshaft control	
Effective capacity	cm ³ 1997	1997
Stroke/bore	mm 90.1 / 84.0	90.1 / 84.0
Compression ratio	:1 10.0	10.0
Fuel grade	min RON 91	min RON 91
Output	kW/hp 135 / 184	135 / 184
at	rpm 5000 – 6250	5000 – 6250
Torque	Nm 270	270
at	rpm 1250 – 4500	1250 – 4500
Electrical system		
Battery/Installation	Ah/– 80 / luggage comp	80 / luggage comp
Alternator	A/W 170 / 2380	170 / 2380
Driving dynamics and safety		
Suspension, front	Aluminium double-joint tie bar axle	Double-joint spring strut thrust bar axle
Suspension, rear	Five-arm axle with longitudinal control arm and double wishbone	
Brakes, front	Single-piston frame-calliper disc brakes	
Diameter	mm 312 x 24/vented	312 x 24/vented
Brakes, rear	Single-piston floating-calliper disc brakes	
Diameter	mm 300 x 20/vented	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, BMW X1 xDrive20i: DSC integrated with xDrive all-wheel drive, HDC (Hill Descent Control), optional: Performance Control	
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	Hydraulic rack-and-pinion power steering, optional: Servotronic
Steering ratio, overall	:1 16.1	18.5
Tyres, front/rear	225/50 R17 94H	225/50 R17 94H
Rims, front/rear	7.5J x 17 alloy	7.5J x 17 alloy

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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, Online Entertainment, 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	3.683 (4.714)	4.110 (4.714)
	II	:1 2.062 (3.143)	2.315 (3.143)
	III	:1 1.313 (2.106)	1.542 (2.106)
	IV	:1 1.000 (1.667)	1.179 (1.667)
	V	:1 0.809 (1.285)	1.000 (1.285)
	VI	:1 0.677 (1.000)	0.846 (1.000)
	VII	:1 – (0.839)	– (0.839)
	VIII	:1 – (0.667)	– (0.667)
	R	:1 3.348 (3.295)	3.727 (3.295)
Final drive	:1	3.909 (3.154)	3.385 (3.154)
Performance			
Power-to-weight ratio (DIN)	kg/kW	11.0 (11.2)	11.7 (11.8)
Output per litre	kW/l	67.6	67.6
Acceleration	0–100 km/h	s 7.4 (7.5)	7.8 (7.9)
	0–1000 m	s 28.2 (28.6)	28.9 (29.0)
in 4th/5th gear	80–120 km/h	s 6.7 / 8.7 (–/–)	7.3 / 8.7 (–/–)
Top speed	km/h	220 (220)	215 (215)
Offroad specifications			
Overhang angle, front/rear	°	18.0 / 21.5	18.0 / 21.5
Ramp angle	°	16.8	16.8
Ground clearance unladen	mm	179	179
BMW EfficientDynamics			
BMW EfficientDynamics standard features		Brake Energy Regeneration, Auto Start-Stop function, ECO PRO mode (optional), Optimum Shift Indicator (manual), on-demand operation of ancillary units, EPS (Electric Power Steering) (BMW X1 sDrive20i), final drive with optimised warm-up running qualities, intelligent lightweight design, disengageable climate compressor, map-controlled oil pump, weight and efficiency-optimised power divider (BMW X1 xDrive20i), tyres with reduced rolling resistance	
Fuel consumption EU ³⁾			
with standard tyres			
Urban	l/100 km	8.9 (8.7)	9.5 (9.1)
Extra-urban	l/100 km	5.8 (5.2)	6.3 (6.0)
Combined	l/100 km	6.9 (6.7)	7.5 (7.1)
CO ₂	g/km	162 (157)	176 (167)
with 8J x 18 wheels and 225/45 R18 tyres, with 8J x 18 wheels at the front, 9J x 18 at the rear and 225/45 R18 tyres at the front, 255/40 R18 at the rear, with 8J x 19 wheels at the front, 9J x 19 at the rear and 225/40 R19 tyres at the front, 255/35 R19 at the rear			
Urban	l/100 km	9.0 (8.8)	9.7 (9.2)
Extra-urban	l/100 km	5.9 (5.3)	6.5 (6.2)
Combined	l/100 km	7.1 (6.8)	7.7 (7.3)
CO ₂	g/km	165 (160)	179 (170)
Emissions rating		EU6	EU6

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

- 1) Height including roof antenna: 1567 mm
- 2) Oil change quantity
- 3) Fuel consumption and CO₂ emissions figures dependent on the selected tyre format