

# Specifications BMW X1. X1 sDrive20d, X1 xDrive20d



		BMW X1 sDrive20d	BMW X1 xDrive20d
<b>Body</b>			
No of doors/seats		5 / 5	5 / 5
Length/width/height <sup>1)</sup> (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	61	61
Cooling system incl heating	l	7.2 (7.5)	7.2 (7.9)
Engine oil <sup>2)</sup>	l	5.2	5.2
Weight, unladen, to DIN/EU	kg	1490 / 1565 (1500 / 1575)	1575 / 1650 (1585 / 1660)
Max load to DIN	kg	550	550
Max permissible weight	kg	2045 (2060)	2130 (2145)
Max axle load, front/rear	kg	940 / 1160	1010 / 1165
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 <sub>d</sub> x A	0.33 x 2.33	0.34 x 2.33
<b>Engine</b>			
Configuration/No of cyls/valves		R / 4 / 4	R / 4 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable intake geometry, common-rail direct injection, max injection pressure: 1800 bar	
Effective capacity	cm <sup>3</sup>	1995	1995
Stroke/bore	mm	90.0 / 84.0	90.0 / 84.0
Compression ratio	:1	16.5	16.5
Fuel grade		diesel	diesel
Output	kW/hp	135 / 184	135 / 184
at	rpm	4000	4000
Torque	Nm	380	380
at	rpm	1750 – 2750	1750 – 2750
<b>Electrical system</b>			
Battery/Installation	Ah/–	80 / luggage comp	80 / luggage comp
Alternator	AW	175 / 2450	175 / 2450
<b>Driving dynamics and safety</b>			
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, BMW X1 xDrive20d: 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 steel	7.5J x 17 alloy

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<b>BMW ConnectedDrive</b>			
Convenience		Optional: BMW Assist incl inter alia Enquiry Service, 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	
<b>Transmission</b>			
Type of gearbox		Six-speed manual (optional: eight-speed automatic with Steptronic)	
Gear ratios	I	4.110 (4.714)	4.110 (4.714)
	II	:1 2.248 (3.143)	2.248 (3.143)
	III	:1 1.403 (2.106)	1.403 (2.106)
	IV	:1 1.000 (1.667)	1.000 (1.667)
	V	:1 0.802(1.285)	0.802 (1.285)
	VI	:1 0.659 (1.000)	0.659 (1.000)
	VII	:1 – (0.839)	– (0.839)
	VIII	:1 – (0.667)	– (0.667)
	R	:1 3.727 (3.295)	3.727 (3.295)
Final drive		:1 3.385 (2.929)	3.462 (2.929)
<b>Performance</b>			
Power-to-weight ratio (DIN)	kg/kW	11.0 (11.1)	11.7 (11.7)
Output per litre	kW/l	67.7	67.7
Acceleration	0–100 km/h	s 7.8 (7.9)	8.1 (8.1)
	0–1000 m	s 28.6 (28.8)	29.1 (29.1)
in 4th/5th gear	80–120 km/h	s 6.1 / 7.8 (–/–)	6.5 / 8.4 (–/–)
Top speed	km/h	220 (218)	215 (213)
<b>Offroad specifications</b>			
Overhang angle, front/rear		18.0 / 21.5	18.0 / 21.5
Ramp angle	°	16.8	16.8
Ground clearance unladen	mm	179	179
<b>BMW EfficientDynamics</b>			
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 sDrive20d), final drive with optimised warm-up running qualities, intelligent lightweight design, disengageable climate compressor, weight and efficiency-optimised power divider (BMW X1 xDrive20d)	
<b>Fuel consumption EU</b>			
Urban	l/100 km	5.8 (5.6)	6.6 (6.1)
Extra-urban	l/100 km	4.4 (4.7)	4.9 (5.1)
Combined	l/100 km	4.9 (5.0)	5.5 (5.4)
CO <sub>2</sub>	g/km	129 (132)	145 (143)
Emissions rating		EU5	EU5

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