

# Specifications BMW X1. X1 xDrive28i



<b>BMW X1 xDrive28i</b>		
<b>Body</b>		
No of doors/seats		5 / 5
Length/width/height <sup>1)</sup> (unladen)	mm	4477 / 1798 / 1545
Wheelbase	mm	2760
Track, front/rear	mm	1500 / 1529
Turning circle	m	11.8
Tank capacity	approx. l	63
Cooling system incl heating	l	8.2 (8.5)
Engine oil <sup>2)</sup>	l	5.75
Weight, unladen, to DIN/EU	kg	1580 / 1655 (1595 / 1670)
Max load to DIN	kg	550
Max permissible weight	kg	2130 (2150)
Max axle load, front/rear	kg	1015 / 1175
Max trailer load, braked (12%)/unbraked	kg	2000 / 750
Max roof load/towbar download	kg	75 / 80
Luggage comp capacity	l	420 – 1350
Air drag	c <sub>d</sub> x A	0.33 x 2.33
<b>Engine</b>		
Configuration/No of cyls/valves		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 <sup>3</sup>	1997
Stroke/bore	mm	90.1 / 84.0
Compression ratio	:1	10.0
Fuel grade		min RON 91
Output	kW/hp	180 / 245
at	rpm	5000 – 6500
Torque	Nm	350
at	rpm	1250 – 4800
<b>Electrical system</b>		
Battery/Installation	Ah/–	80 / luggage comp
Alternator	A/W	210 / 2940
<b>Driving dynamics and safety</b>		
Suspension, front		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	330 x 24/vented
Brakes, rear		Single-piston floating-calliper disc brakes
Diameter	mm	330 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, 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		Hydraulic rack-and-pinion power steering, optional: Servotronic
Steering ratio, overall	:1	18.5
Tyres, front/rear		225/50 R17 94H
Rims, front/rear		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, 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	4.110 (4.714)
	II :1	2.315 (3.143)
	III :1	1.542 (2.106)
	IV :1	1.179 (1.667)
	V :1	1.000 (1.285)
	VI :1	0.846 (1.000)
	VII :1	- (0.839)
	VIII :1	- (0.667)
	R :1	3.727 (3.295)
Final drive	:1	3.385 (3.154)

#### Performance

Power-to-weight ratio (DIN)	kg/kW	8.8 (8.9)
Output per litre	kW/l	90.1
Acceleration	0–100 km/h	s
	0–1000 m	s
		26.4 (26.8)
in 4th/5th gear	80–120 km/h	s
		6.0 / 7.1 (–/–)
Top speed	km/h	240 (240)

#### Offroad specifications

Overhang angle, front/rear	°	18.0 / 21.5
Ramp angle	°	16.8
Ground clearance unladen	mm	179

#### BMW EfficientDynamics

BMW EfficientDynamics standard features	Brake Energy Regeneration, Auto Start-Stop function, ECO PRO mode, Optimum Shift Indicator (manual), on-demand operation of ancillary units, final drive with optimised warm-up running qualities, intelligent lightweight design, disengageable climate compressor, map-controlled oil pump, weight and efficiency-optimised power divider, tyres with reduced rolling resistance
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#### Fuel consumption EU<sup>3)</sup>

with standard tyres		
Urban	l/100 km	9.7 (9.1)
Extra-urban	l/100 km	6.4 (6.1)
Combined	l/100 km	7.7 (7.2)
CO <sub>2</sub>	g/km	179 (168)
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	9.9 (9.3)
Extra-urban	l/100 km	6.6 (6.3)
Combined	l/100 km	7.8 (7.3)
CO <sub>2</sub>	g/km	182 (171)
Emissions rating		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 CO<sub>2</sub> emissions figures dependent on the selected tyre format