

Specifications.

BMW X1.

X1 sDrive18i.



BMW X1 sDrive18i		
Body		
No. of doors/seats		5 / 5
Length/width/height (unladen)	mm	4439 / 1821 / 1598
Wheelbase	mm	2670
Track, front/rear	mm	1561 / 1562
Ground clearance	mm	183
Turning circle	m	11.4
Tank capacity	approx. ltr	51
Engine oil ¹⁾	ltr	5.25
Weight, unladen, to DIN/EU	kg	1420 / 1495 (1430 / 1505)
Max. load to DIN	kg	550
Max. permissible weight	kg	2000 (2025)
Max. axle load, front/rear	kg	990 / 1035 (1020 / 1035)
Max. trailer load, braked (12%/unbraked)	kg	1700 / 735 (740)
Max. roof load/towbar download	kg	75 / 80
Luggage comp. capacity	ltr	505 – 1550
Air resistance	C _d x A	0.28 x 2.46
Engine		
Config./No. of cyls./valves		in-line / 3 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cm ³	1499
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min RON 91
Output	kW/hp	103 / 140
at	rpm	4600 – 6500
Torque	Nm	220
at	rpm	1480 – 4200
Electrical System		
Battery/Installation	Ah/–	70 / engine comp.
Driving Dynamics and Safety		
Suspension, front		Single-joint spring-strut axle in lightweight aluminium-steel construction
Suspension, rear		Multi-arm axle in lightweight steel construction with separate spring and damper configuration
Brakes, front		Single-piston floating-calliper disc brakes / vented
Brakes, rear		Single-piston floating-calliper disc brakes / vented
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, EDLC (Electrically Controlled Differential Lock Control), Performance Control, trailer stability control; optional: Adaptive suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator
Steering		Electric Power Steering (EPS) with Servotronic function, optional: M Sport Steering
Steering ratio, overall	:1	16.0
Tyres, front/rear		225/55 R17 97W
Rims, front/rear		7.5J x 17 light-alloy

BMW X1 sDrive18i

Transmission

Type of gearbox	6-speed manual (7-speed Steptronic with double clutch)		
Gear ratios	I	:1	3.615 (17.348)
	II	:1	1.952 (10.232)
	III	:1	1.241 (6.593)
	IV	:1	0.969 (4.615)
	V	:1	0.806 (3.572)
	VI	:1	0.683 (2.819)
	VII	:1	– (2.285)
	R	:1	3.538 (15.892)
Final drive		:1	3.882 (4.176)

Performance

Power-to-weight ratio (DIN)	kg/kW	13.8 (13.9)
Output per litre	kWh/l	68.7
Acceleration 0–100 km/h	s	9.7 (9.7)
Top speed	km/h	205 (203)

BMW EfficientDynamics

BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function (automatic), BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, tyres with reduced roll resistance
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Fuel consumption EU cycle

Urban	ltr/100 km	6.9 (7.0)
Extra-urban	ltr/100 km	5.1 (5.1)
Combined	ltr/100 km	5.8 (5.8)
CO ₂	g/km	132 (133)
Emission rating		EU6d-TEMP

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)
Figures in brackets are for vehicles with automatic transmission

¹⁾ Oil change

The values for fuel consumption, CO₂ emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

The values are already based on the test cycle according to the new WLTP regulation and are translated back into NEDC-equivalent values in order to allow a comparison between vehicles. With respect to these vehicles, for vehicle related taxes or other duties based (at least inter alia) on CO₂-emissions the CO₂ values may differ to the values stated here.

BMW X1. X1 sDrive20i.

BMW X1 sDrive20i		
Body		
No. of doors/seats		5 / 5
Length/width/height (unladen)	mm	4439 / 1821 / 1598
Wheelbase	mm	2670
Track, front/rear	mm	1561 / 1562
Ground clearance	mm	183
Turning circle	m	11.4
Tank capacity	approx. ltr	51
Engine oil ¹⁾	ltr	5.25
Weight, unladen, to DIN/EU	kg	1485 / 1560
Max. load to DIN	kg	550
Max. permissible weight	kg	2065
Max. axle load, front/rear	kg	1050 / 1045
Max. trailer load, braked (12%/unbraked)	kg	1800 / 750
Max. roof load/towbar download	kg	75 / 80
Luggage comp. capacity	ltr	505 – 1550
Air resistance	C _d x A	0.28 x 2.46
Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cm ³	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min RON 91
Output	kW/hp	141 / 192
at	rpm	5000 – 6000
Torque	Nm	280
at	rpm	1350 – 4600
Electrical System		
Battery/Installation	Ah/–	70 / engine comp.
Driving Dynamics and Safety		
Suspension, front		Single-joint spring-strut axle in lightweight aluminium-steel construction
Suspension, rear		Multi-arm axle in lightweight steel construction with separate spring and damper configuration
Brakes, front		Single-piston floating-calliper disc brakes / vented
Brakes, rear		Single-piston floating-calliper disc brakes / vented
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, EDLC (Electrically Controlled Differential Lock Control), Performance Control, trailer stability control; optional: Adaptive suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator
Steering		Electric Power Steering (EPS) with Servotronic function, optional: M Sport Steering
Steering ratio, overall	:1	16.0
Tyres, front/rear		225/55 R17 97W
Rims, front/rear		7.5J x 17 light-alloy

BMW X1 sDrive20i			
Transmission			
Type of gearbox	7-speed Steptronic with double clutch		
Gear ratios	I	:1	15.741
	II	:1	9.284
	III	:1	5.899
	IV	:1	4.129
	V	:1	3.196
	VI	:1	2.558
	VII	:1	2.073
	R	:1	14.220
Final drive		:1	3.789
Performance			
Power-to-weight ratio (DIN)	kg/kW		10.5
Output per litre	kWh/l		70.6
Acceleration 0–100 km/h	s		7.6
Top speed	km/h		226
BMW EfficientDynamics			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, tyres with reduced roll resistance		
Fuel consumption EU cycle			
Urban	ltr/100 km		7.5
Extra-urban	ltr/100 km		5.1
Combined	ltr/100 km		6.0
CO ₂	g/km		136
Emission rating			EU6d-TEMP

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¹⁾ Oil change

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BMW X1. X1 sDrive18d.

BMW X1 sDrive18d		
Body		
No. of doors/seats		5 / 5
Length/width/height (unladen)	mm	4439 / 1821 / 1598
Wheelbase	mm	2670
Track, front/rear	mm	1561 / 1562
Ground clearance	mm	183
Turning circle	m	11.4
Tank capacity	approx. ltr	51
Engine oil ¹⁾	ltr	5.0
Weight, unladen, to DIN/EU	kg	1505 / 1580 (1540 / 1615)
Max. load to DIN	kg	550
Max. permissible weight	kg	2090 (2125)
Max. axle load, front/rear	kg	1055 / 1065 (1095 / 1060)
Max. trailer load, braked (12%/unbraked)	kg	1800 / 750
Max. roof load/towbar download	kg	75 / 80
Luggage comp. capacity	ltr	505 – 1550
Air resistance	C _d x A	0.29 x 2.46
Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct fuel injection with solenoid injectors, maximum injection pressure 2000 bar
Effective capacity	cm ³	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Output	kW/hp	110 / 150
at	rpm	4000
Torque	Nm	350
at	rpm	1750 – 2500
Electrical System		
Battery/Installation	Ah/–	70 / engine comp.
Driving Dynamics and Safety		
Suspension, front		Single-joint spring-strut axle in lightweight aluminium-steel construction
Suspension, rear		Multi-arm axle in lightweight steel construction with separate spring and damper configuration
Brakes, front		Single-piston floating-calliper disc brakes / vented
Brakes, rear		Single-piston floating-calliper disc brakes / vented
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, EDLC (Electrically Controlled Differential Lock Control), Performance Control, trailer stability control; optional: Adaptive suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator
Steering		Electric Power Steering (EPS) with Servotronic function, optional: M Sport Steering
Steering ratio, overall	:1	16.0
Tyres, front/rear		225/55 R17 97W
Rims, front/rear		7.5J x 17 light-alloy

BMW X1 sDrive18d			
Transmission			
Type of gearbox	6-speed manual (8-speed Steptronic)		
Gear ratios	I	:1	3.923 (5.519)
	II	:1	2.136 (3.184)
	III	:1	1.276 (2.050)
	IV	:1	0.921 (1.492)
	V	:1	0.756 (1.235)
	VI	:1	0.628 (1.000)
	VII	:1	– (0.801)
	VIII	:1	– (0.673)
	R	:1	3.538 (4.221)
Final drive		:1	3.389 (2.851)
Performance			
Power-to-weight ratio (DIN)	kg/kW		13.7 (14.0)
Output per litre	kW/l		55.1
Acceleration 0–100 km/h	s		9.3 (9.4)
Top speed	km/h		205 (205)
BMW EfficientDynamics			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function (automatic), BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, tyres with reduced roll resistance, BMW Blue Performance technology including SCR catalytic converter		
Fuel consumption EU cycle			
Urban	ltr/100 km		5.3 (5.2)
Extra-urban	ltr/100 km		4.2 (4.2)
Combined	ltr/100 km		4.6 (4.6)
CO ₂	g/km		120 (121)
Emission rating	EU6d-TEMP		

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BMW X1. X1 xDrive18d.

BMW X1 xDrive18d		
Body		
No. of doors/seats		5 / 5
Length/width/height (unladen)	mm	4439 / 1821 / 1598
Wheelbase	mm	2670
Track, front/rear	mm	1561 / 1562
Ground clearance	mm	183
Turning circle	m	11.4
Tank capacity	approx. ltr	51
Engine oil ¹⁾	ltr	5.0
Weight, unladen, to DIN/EU	kg	1580 / 1655 (1605 / 1680)
Max. load to DIN	kg	550
Max. permissible weight	kg	2170 (2190)
Max. axle load, front/rear	kg	1095 / 1105 (1115 / 1105)
Max. trailer load, braked (12%/unbraked)	kg	1800 / 750
Max. roof load/towbar download	kg	75 / 80
Luggage comp. capacity	ltr	505 – 1550
Air resistance	C _d x A	0.29 x 2.46
Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct fuel injection with solenoid injectors, maximum injection pressure 2000 bar
Effective capacity	cm ³	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Output	kW/hp	110 / 150
at	rpm	4000
Torque	Nm	350
at	rpm	1750 – 2500
Electrical System		
Battery/Installation	Ah/–	70 / engine comp.
Driving Dynamics and Safety		
Suspension, front		Single-joint spring-strut axle in lightweight aluminium-steel construction
Suspension, rear		Multi-arm axle in lightweight steel construction with separate spring and damper configuration
Brakes, front		Single-piston floating-calliper disc brakes / vented
Brakes, rear		Single-piston floating-calliper disc brakes / vented
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, EDLC (Electrically Controlled Differential Lock Control), Performance Control, trailer stability control, HDC (Hill Descent Control), networked with xDrive all-wheel-drive system; optional: Adaptive suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator
Steering		Electric Power Steering (EPS) with Servotronic function, optional: M Sport Steering
Steering ratio, overall	:1	16.0
Tyres, front/rear		225/55 R17 97W
Rims, front/rear		7.5J x 17 light-alloy

BMW X1 xDrive18d			
Transmission			
Type of gearbox	6-speed manual (8-speed Steptronic)		
Gear ratios	I	:1	3.538 (5.519)
	II	:1	1.923 (3.184)
	III	:1	1.219 (2.050)
	IV	:1	0.881 (1.492)
	V	:1	0.810 (1.235)
	VI	:1	0.674 (1.000)
	VII	:1	– (0.801)
	VIII	:1	– (0.673)
	R	:1	3.831 (4.221)
Final drive		:1	4.059 (2.851)
Performance			
Power-to-weight ratio (DIN)	kg/kW		14.4 (14.6)
Output per litre	kW/l		55.1
Acceleration 0–100 km/h	s		9.3 (9.4)
Top speed	km/h		204 (204)
BMW EfficientDynamics			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function (automatic), BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, efficiency- and weight-optimised all-wheel drive, tyres with reduced roll resistance, BMW Blue Performance technology including SCR catalytic converter		
Fuel consumption EU cycle			
Urban	ltr/100 km		5.8 (5.3)
Extra-urban	ltr/100 km		4.5 (4.5)
Combined	ltr/100 km		5.0 (4.8)
CO ₂	g/km		132 (127)
Emission rating			EU6d-TEMP

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BMW X1 xDrive20d		
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Wheelbase	mm	2670
Track, front/rear	mm	1561 / 1562
Ground clearance	mm	183
Turning circle	m	11.4
Tank capacity	approx. ltr	51
Engine oil ¹⁾	ltr	5.0
Weight, unladen, to DIN/EU	kg	1615 / 1690
Max. load to DIN	kg	550
Max. permissible weight	kg	2205
Max. axle load, front/rear	kg	1115 / 1120
Max. trailer load, braked (12%/unbraked)	kg	2000 / 750
Max. roof load/towbar download	kg	75 / 80
Luggage comp. capacity	ltr	505 – 1550
Air resistance	C _d x A	0.29 x 2.46
Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct fuel injection with solenoid injectors, maximum injection pressure 2000 bar
Effective capacity	cm ³	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Output	kW/hp	140 / 190
at	rpm	4000
Torque	Nm	400
at	rpm	1750 – 2500
Electrical System		
Battery/Installation	Ah/–	70 / engine comp.
Driving Dynamics and Safety		
Suspension, front		Single-joint spring-strut axle in lightweight aluminium-steel construction
Suspension, rear		Multi-arm axle in lightweight steel construction with separate spring and damper configuration
Brakes, front		Single-piston floating-calliper disc brakes / vented
Brakes, rear		Single-piston floating-calliper disc brakes / vented
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), DBC (Dynamic Brake Control), Dry Braking function, Fading Compensation, Start-Off Assistant, EDLC (Electrically Controlled Differential Lock Control), Performance Control, trailer stability control, HDC (Hill Descent Control), networked with xDrive all-wheel-drive system; optional: Adaptive suspension
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator
Steering		Electric Power Steering (EPS) with Servotronic function, optional: M Sport Steering
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Tyres, front/rear		225/55 R17 97W
Rims, front/rear		7.5J x 17 light-alloy

BMW X1 xDrive20d			
Transmission			
Type of gearbox	8-speed Steptronic		
Gear ratios	I	:1	5.519
	II	:1	3.184
	III	:1	2.050
	IV	:1	1.492
	V	:1	1.235
	VI	:1	1.000
	VII	:1	0.801
	VIII	:1	0.673
	R	:1	4.221
Final drive		:1	2.851
Performance			
Power-to-weight ratio (DIN)	kg/kW		11.5
Output per litre	kW/l		70.2
Acceleration 0–100 km/h	s		7.8
Top speed	km/h		219
BMW EfficientDynamics			
BMW EfficientDynamics standard features	Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function, BMW EfficientLightweight, optimised aerodynamic attributes, on-demand operation of ancillary units, map-controlled oil pump, efficiency- and weight-optimised all-wheel drive, tyres with reduced roll resistance, BMW Blue Performance technology including SCR catalytic converter		
Fuel consumption EU cycle			
Urban	ltr/100 km		5.4
Extra-urban	ltr/100 km		4.4
Combined	ltr/100 km		4.8
CO ₂	g/km		126
Emission rating			EU6d-TEMP

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