

Media Information

28 November 2019

The new BMW X5 M50i now available in Singapore.

Concentrated power for a new dimension of superior performance.

Singapore. BMW Asia and Performance Munich Autos today announced the availability of the new BMW X5 M50i. The flagship of the BMW X5 range exudes a supreme presence with concentrated power generated by the new 8-cylinder petrol engine. The engine is based on BMW TwinPower Turbo technology and produces a maximum output of 530 hp. More than ever before, this new top-flight engine underlines the sporty nature of the latest generation of the original Sports Activity Vehicle (SAV) – and the first BMW X model in the luxury segment. The new BMW X5 M50i combines the V8 engine with the intelligent BMW xDrive all-wheel drive system and a model-specific suspension technology, developed with expertise from BMW M GmbH.

New V8 engine with outstanding power and characteristic sound.

The 4.4 litre drive unit of the new BMW X5 M50i emphasises the characteristic features of the 8-cylinder engines in terms of power development and torque to an outstanding degree. The new V8 engine turns in a very impressive level of performance – whether you prefer cruising calmly and confidently at low engine speeds, or pulling out all the performance stops and laying down some sporty acceleration manoeuvres. Several components have been upgraded since the previous engine version; these include the crankcase, cylinder barrels, pistons, crankshaft and cylinder head – and above all, the freshly updated BMW TwinPower Turbo technology. The turbochargers positioned between the cylinder banks in the V compartment have been enlarged, while the direct petrol injection performs at a new maximum pressure level of 350 bar. The technology package also includes the newest versions of the fully variable VALVETRONIC valve control and variable double VANOS camshaft control.

The new V8 engine responds with great sensitivity to every movement of the accelerator pedal. The engine already generates its maximum torque of 750 Nm at 1,800 rpm – and it remains available up to an engine speed of 4,600 rpm. Accordingly, the power output is as strident as you

would expect it to be. The maximum value of 530 hp is activated between 5,500 and 6,000 rpm. As a result, the new BMW X5 M50i is able to complete the sprint from zero to 100 km/h in only 4.3 seconds.

This supreme power development is accompanied by an impressive sound progression that is generated by the standard M sport exhaust system. Using the driving experience control, the driver can choose between an extremely sporty or a more comfort-oriented mode. The sheer bandwidth of the engine's character then becomes all the more obvious. In the SPORT and SPORT PLUS modes, not only is the characteristic curve of the accelerator pedal configured for a dynamic driving style, but the power development and remarkable sound characteristics of the V8 engine are too.

8-speed Steptronic sports transmission, BMW xDrive and M sports differential for thrilling performance.

The performance features of the thoroughly sports-oriented BMW X5 M50i are supported by the rather specific nature of the power transmission. The new V8 engine is combined as standard with an 8-speed Steptronic sports transmission, characterised by highly dynamic gear shift properties. Shift paddles are mounted near the steering wheel for manual control of the choice of gear, while the Launch Control function enables traction-optimised acceleration with maximum dynamic performance from standing.

The latest version of the BMW xDrive system distributes the engine torque between the front and rear wheels in a manner that enables it to adapt quickly and precisely to the road conditions. The intelligent all-wheel drive system increases the agility and supreme traction of the new BMW X5 M50i as much as it enhances the driving stability in all weather and road conditions. These sporty characteristics are also supported in highly dynamic driving situations by the rear-wheel emphasis of the system's design. In addition, the standard equipment of the new BMW X5 M50i also includes an M sports differential. The electronically controlled differential lock in the rear bevel gears limits the rotational speed balancing between the wheel on the innermost side of a bend and that on the outermost side and enables highly dynamic acceleration when exiting a bend. Finally, the M sports differential is interconnected with the DSC (Dynamic Stability Control), thereby optimising traction and power transmission when driving on loose terrain and when different road friction values exist between the right and left rear wheels. This serves to prevent wheel spinning arising due to insufficient grip, with the torque being redirected to the other wheel.

Model-specific suspension technology for a superior drive.

The model-specific suspension of the new BMW X5 M50i has been painstakingly tuned to extract maximum potential from the outstanding drive design based on the know-how of BMW M GmbH. This employs a construction principle comprising a double-wishbone front axle and a five-link rear axle combined with specific kinematics and elastokinematics for the wheel suspension, independent suspension and damping settings, and 22-inch M light alloy wheels in Double-spoke style 742 M complete with mixed tyres. The standard equipment also includes electromechanical steering with Servotronic function and an M sport brake system with blue-coated brake calipers complete with the M logo.

The new BMW X5 M50i is equipped with the Adaptive M Suspension Professional package as standard. One of two sets of characteristics can be selected for the electronically controlled dampers, which can be activated using the driving experience switches, comprising COMFORT and SPORT modes. In the SPORT driving mode, as well as at speeds of over 138 km/h, this automatically results in a reduced ride height of 20 millimetres. However, the driver is also able to adjust the height of the body by activating a button in the cockpit; two levels are available, raising the height up to 40 millimetres above the standard setting.

Integral active steering is available for the new BMW X5 M50i, which serves to further enhance the vehicle's agility. It also results in enhanced superiority when it comes to lane changing and manoeuvrability in urban traffic, by co-steering the rear wheels either in the same or in the opposite direction, depending on the driving speed. A further increase in superiority and dynamics of the drive characteristics is produced by the integral active steering, the active electronic anti roll stabilizers, which ensures very fast and precise balancing of lateral roll forces during dynamic cornering, by means of electric swivel motors fitted to the front and rear axles.

Driving Assistant Professional: the complete package for comfortable and safe driving.

The standard Driving Assistant Professional package comprises of the Steering and lane control assistant as well as the Lane Keeping Assistant with active side collision protection. The Lane Change Assistant can be used on motorways and dual carriageways when the Steering and lane control assistant is active. Holding the direction indicator in the required direction is all it takes to initiate a lane change. If the sensors detect that there is space in the adjacent lane and that no

other vehicle is approaching at high speed, the driver benefits from helpful steering assistance during the lane change. Another component of the system is the evasion aid, which can help avoid collisions with vehicles or pedestrians suddenly appearing in the driver's path. As soon as an evasive manoeuvre corresponding to such a scenario is detected, the system assists the driver with steering inputs to direct the vehicle into a clear adjacent lane.

The array of assistance systems contained in this wide-ranging suite of safety and comfort features also comprises of Crossing traffic warning, which reduces the risk of a collision when manoeuvring forwards or in reverse towards crossing traffic where visibility is restricted. Rear Collision warning, Priority warning, Wrong-way warning and Lane Change Warning are also part of the Driving Assistant Professional package. The latest version of Lane Departure Warning now includes active steering inputs to bring the vehicle back to the intended lane.

Design and equipment: exclusive appearance with a luxurious atmosphere.

Model-specific designer features serve to emphasise the exclusive and sporty nature of the new BMW X5 M50i the moment you see it. The extra-large air inlets in the front apron are a clear indication of the V8 engine's cooling requirements. The unique design of the side sills and rear apron, the BMW individual high-gloss Shadow Line, and selected design elements in Cerium Grey similarly serve to underline the outstanding status of the 8-cylinder models.

The SAV's interior features an M leather upholstery with contrast stitching and perforated surfaces and interior strips in Aluminium Tetragon, ensuring a luxurious feel with a sporty touch. And as if that wasn't enough, the standard equipment also comprises illuminated entry sills displaying the 'M50i' logo, a headliner in Anthracite and a Harmon Kardon surround sound system.

The new BMW X5 M50i is now available for viewing at the Performance Munich Autos showroom.

Additional information enclosed:

1. The new BMW X5 M50i price.
2. The new BMW X5 M50i specifications.

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The BMW Group

With its four brands BMW, MINI, Rolls-Royce and BMW Motorrad, the BMW Group is the world's leading premium manufacturer of automobiles and motorcycles and also provides premium financial and mobility services. The BMW Group production network comprises 31 production and assembly facilities in 15 countries; the company has a global sales network in more than 140 countries.

In 2018, the BMW Group sold over 2,490,000 passenger vehicles and more than 165,000 motorcycles worldwide. The profit before tax in the financial year 2018 was € 9.815 billion on revenues amounting to € 97.480 billion. As of 31 December 2018, the BMW Group had a workforce of 134,682 employees.

The success of the BMW Group has always been based on long-term thinking and responsible action. The company has therefore established ecological and social sustainability throughout the value chain, comprehensive product responsibility and a clear commitment to conserving resources as an integral part of its strategy.

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About Performance Munich Autos

Performance Munich Autos is the world's first dedicated BMW M dealership in Singapore that holds the retail rights to a full range of BMW M and BMW M Performance Automobiles.

Performance Munich Autos Showroom is located at 315 Alexandra Road Singapore 159944.

Showroom opening hours are Monday to Saturday, 8am - 7pm, Sunday and Public Holidays, 10am – 6pm.

For more information or enquiries, visit www.bmw-pma.com.sg or call (+65) 6333 3933.

Facebook: <http://www.facebook.com/PMLsg>

1. The new BMW X5 M50i price.

Model	VES Band	Retail price (at press time)
BMW X5 M50i	C2	\$462,888

2. The new BMW X5 M50i specifications.

V8 petrol engine, M Performance TwinPower Turbo technology: twin-scroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing

Capacity: 4,395 cc.

Output: 530 hp at 5,500 – 6,000 rpm.

Torque: 750 Nm at 1,800 – 4,600 rpm.

Acceleration (0 – 100 km/h): 4.3 seconds.

Top speed: 250 km/h.

Fuel consumption (combined): 11.5 L/100 km.

CO₂ emissions (combined): 263 g/km.