

# BMW

## U.S. Press Information

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### **The New 2021 BMW 5 Series Sedan.**

- Update to the 7th Generation of BMW's 5 Series Sedan.
- New 48v mild hybrid system for the 540i and 540i xDrive Sedans.
- MSRP starting at \$54,200 for the 530i Sedan plus \$995 Destination.
- Ordering opens in May 2020 with first deliveries scheduled for July 2020.

**Woodcliff Lake, NJ – May 26, 2020...** Today, BMW is proud to announce the updated, 2021 7<sup>th</sup> generation 5 Series Sedan. With improvements in exterior and interior design, aerodynamics and technology, plus the introduction of a new 48v mild hybrid system, this generation of 5 Series continues to deliver cutting-edge technology and performance into the sixth decade of 5 Series production.

The 2021 BMW 5 Series lineup includes the:

- 248 hp 530i and 530i xDrive Sedans
- 288 hp 530e and 530e xDrive PHEV Sedans
- 335 hp 540i and 540i xDrive Sedans
- 523 hp M550i xDrive Sedan

First introduced in 1972, the BMW 5 Series has continuously built its reputation as the executive sport sedan for discerning buyers by delivering performance, modern design, comfort and technology expected from a BMW.

MSRP pricing for the 2021 BMW 5 Series sedan is \$54,200 for the 530i Sedan, \$56,500 for the 530i xDrive Sedan, \$57,200 for the 530e Sedan, \$59,500 for the 530e xDrive Sedan, \$59,450 for the 540i Sedan, \$61,750 for the 540i xDrive Sedan and \$76,800 for the M550i xDrive Sedan.

### **New exterior design.**

The exterior of the BMW 5 Series sports a cleaner surface design. The most striking feature is the new BMW Kidney Grille design with resculpted headlamps. The new grille is taller and wider, reaching further down into the front bumper cover and is surrounded by a one piece grille element. The vertical grille slats are more pronounced and extend further into the air flow.

While most exterior and interior dimensions remain unchanged, the length grows by 1.2 inches to offer a more sweeping profile. The aerodynamics of the new 5 Series Sedans benefit from the carefully drawn lines, with the 530i sedan achieving a Cx as low as 0.27.

The new standard Adaptive LED headlights are slimmer in profile and feature two L-shaped daytime driving light elements on each side. These elements also perform the function of turn signals.

The rear of the 5 Series is accentuated by new, standard trapezoidal tailpipe finishers integrated into the lower bumper area. New rear L-shaped taillights feature black edging and three-dimensional lenses.

The M Sport Package benefits from redesigned front and rear bumpers, larger front air intakes with mesh inserts and a re-sculptured rear diffuser panel.

The M550i xDrive Sedan includes the new Aerodynamic kit from the M Sport Package and enhances functionality and appearance further with the addition of a rear trunk lid spoiler and with a Cerium Grey finish to the side mirror caps, BMW Kidney Grille, inlays in the front air intakes and Air Breathers and grille surround, and model lettering. The dual trapezoidal exhaust finishers are black chrome while window surrounds are in high-gloss black.

## **Interior Design and Equipment**

The interior of the 2021 5 Series Sedan is highlighted by the standard Live Cockpit Professional with iDrive 7, a 12.3" digital instrument display and a 12.3" digital central touchscreen control display (up from previous 10.25"). Standard Navigation, Apple CarPlay Compatibility and Android Auto Compatibility are included.

The buttons on the center console are now finished in a high-gloss black.

Standard on all four-cylinder and six-cylinder models is a new Perforated SensaTec upholstery with contrast stitching, giving an even more stylish look and feel to the interior. Dakota Leather is standard on the M550i xDrive and optional on the other models. Nappa Leather is available as an option on all models. The dashboard on the four- and six-cylinder 5 Series can be ordered in an optional Black SensaTec with brown stitching, which is standard on the M550i xDrive.

All models feature standard Sport seats (M Multi-contour seats on M550i xDrive) and a 40:20:40 split folding rear seat.

### **48V mild hybrid technology for six-cylinder engine models.**

A new mild hybrid system with a 48V starter-generator offers enhanced performance, better fuel economy and improved driving comfort in the six-cylinder BMW 5 Series.

A powerful 48V starter-generator and a second battery greatly increases the ways in which Brake Energy Regeneration can be utilized. When the driver releases the accelerator, the generator transforms the kinetic energy into electricity to be stored in the 48V battery. Energy recuperation benefits even more when the Driving Experience Control switch is set to SPORT mode. The additional deceleration generated over and above the engine braking effect is also harnessed when the brakes are applied. A specially designed braking system previously found in BMW's plug-in-hybrid models enables the combination of electrical and mechanical deceleration to be deployed as required and with maximum efficiency at all times.

The recuperated energy accumulating in the 48V battery is supplied to the 12V electrical system and powers the lights, steering, power windows, ventilation, audio system and seat heating. In addition, the stored energy can be used to provide additional drive power when it is

fed back to the 48V starter-generator.

The starter-generator then acts like an electric drive unit that assists the engine, allowing it to operate within a more efficient range as frequently as possible and ensuring there are fewer peaks in fuel consumption. When the car is accelerating, the 48V starter-generator is able to offer the driver an electric boost effect that can instantly put an extra 11 hp on tap for more dynamic power delivery. The result is a sharper response off the line and quicker bursts of speed when accelerating.

A special feature of the mild hybrid system is the ability to charge the 48V battery from the generator while driving at a constant speed. This method of generating electricity by raising the engine's load point is only employed when the battery charge is low and during phases when it does not have a detrimental effect on engine efficiency.

The 48V starter-generator has the additional benefit of allowing the engine to be switched off and started again very swiftly with less vibration. The result is improved comfort when the Auto Start Stop and coasting functions are in use. When the driver brakes for a stop, the engine can be switched off as soon as the car's speed drops below 9 mph. And if the coasting function is activated, the engine is also completely shut off rather than just being decoupled from the drivetrain. This function is now operational at speeds between 16 – 99 mph and, on the new BMW 5 Series, it is available not just in ECO Pro mode but also COMFORT mode.

### **New, more powerful plug-in-hybrid drivetrain**

The 2021 BMW 530e and 530e xDrive Sedans receive enhanced performance from the latest generation of eDrive technology. A 181 hp 2.0-liter gasoline engine is complemented by a 107 hp electric drive unit, integrated into the 8-speed Steptronic transmission. When the Driving Control switch and transmission are set to SPORT, a new XtraBoost feature offers an additional 40 hp for up to 10 seconds when the throttle is depressed to the kickdown position. The combined power and torque of the new 530e and 530e xDrive Sedans is 288 hp and 310 ft-lbs of torque, an increase of 40 hp over previous 530e models.

A high-voltage 34 Ah / 12 kWh gross (9.09 kWh net) lithium-ion battery module provides the storage capacity for electric-only and performance oriented driving.

The 530e Sedans also feature Acoustic Protection for Pedestrians, which uses an exterior

speaker system to generate an unmistakable sound created specifically for electrified BMWs operating in electric-only mode at speeds up to 19 mph.

With the addition of XtraBoost functionality, the 530e and 530e xDrive Sedans can accelerate from 0 to 60 mph in 5.7 seconds and reach a top speed of 130 mph when equipped with all-season tires and 146 mph (143 mph for 530e xDrive) when equipped with performance tires.

### **BMW TwinPower Turbocharged engines**

All BMW four-, six- and eight-cylinder engines feature BMW's latest TwinPower turbocharging technology which incorporates a single, twin-scroll turbocharger on the 530i and 530e four-cylinder models, and 540i six-cylinder models and two, twin-scroll turbochargers on the V8 M550i xDrive Sedan.

All engines feature High Precision fuel injection operating at 350 bar (5,076 psi), VALVETRONIC fully variable valve timing and double-VANOS variable camshaft timing.

The 2021 BMW 530i and 530i xDrive Sedans are powered by a 2.0-liter four-cylinder TwinPower Turbo variant of BMW's modular engine family. This engine produces 248 hp and 258 ft-lbs. of torque propelling the Sedans from 0 to 60 mph in 5.9 seconds for the 530i Sedan and 530i xDrive Sedan. Both models will reach a top speed of 130 mph when equipped with all-season tires and 155 mph when equipped with performance tires.

The BMW 540i and 540i xDrive Sedans are powered by a 3.0-liter six-cylinder TwinPower Turbo engine producing 335 hp and 332 ft-lbs. of torque. This iconic inline-six engine variant allows the 540i sedans to sprint from 0 to 60 in 4.9 seconds (4.6 sec. for 540i xDrive) and reach a top speed of 130 mph when equipped with all-season tires and 155 mph when equipped with performance tires.

The 4.4-liter V8 TwinPower Turbo engine in the M550i xDrive Sedan produces 523 hp and 553 ft-lbs. of torque propelling the sedan from 0 to 60 mph in a scant 3.6 seconds and allows it to reach a top speed of 130 mph when equipped with all-season tires and 155 mph when equipped with performance tires.

## **8-speed Steptronic automatic transmission**

The latest version of BMW's quick-shifting automatic transmission features a new, optimized hydraulic control system for improved response and efficiency. A new generation of torsion dampers that reduce rotational irregularities within the powertrain helps to enhance both driving comfort and shift smoothness. Integral twin-damper systems for isolating vibrations reduce the degree of slip at the torque converter lock-up clutch.

The Steptronic Sport transmission, standard in the M550i xDrive Sedan, offers even sportier shift characteristics and faster gear changes while shift paddles on the steering wheel allow for rapid manual gear changes. The eight-speed Steptronic Sport transmission also includes a Launch Control function for powering off the line with optimal traction.

Intelligent connectivity enables the 8-speed automatic transmission to adapt its shift strategy according to the route and driving situation. Working with the standard navigation system, the 8-speed Steptronic transmission uses data from this system and from the optional Active Cruise Control system's radar sensor. This makes it possible for the transmission to avoid unnecessary gear changes when negotiating a series of fast corners and, when approaching a vehicle ahead for example, to shift down early in order to use the engine braking to scrub off speed.

## **Rear-Wheel Drive or BMW Intelligent xDrive**

The BMW rear-wheel drive performance feel or the all-season capabilities of BMW's latest intelligent all-wheel-drive system? Your choice is yours on the new four- and six-cylinder 5 Series models. The available power and torque of the M550i xDrive Sedan dictate that it comes standard with BMW's xDrive system.

The fully variable power transfer of BMW's intelligent xDrive ensures maximum traction and directional stability in all road and weather conditions while also promoting sportier handling. This functionality comes courtesy of the electronically controlled multi-plate clutch in the transfer case which links up with the Dynamic Stability Control (DSC) system and constantly adjusts power transmission – precisely and in a fraction of a second – in response to the driving situation. In this way, any tendency of the vehicle to oversteer or understeer is greatly reduced.

The system's rear-biased setup helps to ensure the new 5 Series Sedan retains the exhilarating driving experience drivers expect from a BMW. Sending more power to the rear wheels under normal driving increases agility when cornering. In situations which do not require all-wheel drive, the efficiency of BMW xDrive is increased by directing the engine's torque to the rear wheels. The weight of the system has also been reduced, while optimized oil supply increases internal efficiency.

The M550i xDrive Sedan's capabilities are further enhanced by the standard rear M Sport differential. This electronically controlled rear differential lock improves traction and power transmission by offering differing levels of grip for the left and right rear wheels and by preventing a wheel from spinning when it is short on traction.

### **Sophisticated Chassis Technology**

The new 2021 BMW 5 Series Sedans use the proven double-wishbone front and five-link rear suspensions to deliver the best combination of excellent handling and long distance comfort. Lightweight and carefully tuned suspension components and bushings work in unison to prevent road irregularities from disrupting the steering and isolating the body while providing the agility expected of the BMW 5 Series sports sedan.

The M Sport Suspension, available as part of the optional M Sport Package, includes specially tuned spring and shock settings plus a 10 mm (0.4 inch) drop in ride height.

The Dynamic Handling Package, optional on the 540i and 540i xDrive Sedans features electronically controlled shocks which use continuously adjustable valves to adjust the damping force at each wheel individually, improving both the car's sporting handling and comfort.

Standard on the M550i xDrive is the Adaptive M Suspension which is specially tuned to provide greater poise and agility when pushing the car to its limits. The M550i xDrive Sedan's handling can be even further enhanced with the Adaptive M Suspension professional which adds Active Roll Stabilization and Integral Active Steering.

### **Wheels, Tires and Brakes**

M Sport Brakes with Blue Calipers with M logos are available as an optional on all 5 Series

models and are standard on M550i xDrive Sedan. A new option are M Sport Brakes with Red calipers and M logos, available on all new 5 Series models.

The four- and six-cylinder 5 Series Sedans come equipped with standard 18" x 8.0" alloy wheels with 245/45R18 all-season run-flat tires. Optional upgrades include: 19" x 8.0" alloy wheels with 245/40R19 all-season run-flat tires, 19" x 8.0" front / 19" x 9.0" rear alloy wheels with 245/40R19 front / 275/35R19 rear performance run-flat tires, and 20" x 8.0" front / 20" x 9.0" rear alloy wheels with 245/35R20 front / 275/30R20 rear performance run-flat tires.

The M550i xDrive Sedan is equipped with standard 19" x 8.0" front / 19" x 9.0" rear alloy wheels with a choice of either 245/40R19 front / 275/35R19 rear performance runflat or all-season run-flat tires. Optional are 20" x 8.0" front / 20" x 9.0" rear alloy wheels with either 245/35R20 front / 275/30R20 rear performance run-flat or Michelin Pilot Super Sport non-run-flat tires.

### **Advanced Driver Assistance Systems**

All 2021 BMW 5 Series Sedans come equipped with standard Assist features designed to deliver peace of mind and improved driving comfort. Included systems are Lane Departure Warning with steering correction - to keep you in the lane, Frontal collision and pedestrian warning with braking function - which allows for reaction to vehicles, stationary objects, cyclists and pedestrians, Blind Spot Detection, Rear Cross Traffic Alert - which warns of possible crossing traffic when backing up, Rear Collision Preparation, Automatic High Beams and Speed limit information.

Optional on the new 5 Series is the Driving Assistance Plus Package which adds Active Cruise Control with Stop & Go, Extended Traffic Jam Assist for limited access highways – a Level 2 autonomous assist system which helps to reduce fatigue in stop and go freeway traffic by allowing for extended hands free vehicle operation, Lane Keeping Assistant with side collision avoidance, Evasion Aid, Front Cross-Traffic Alert, and Emergency Stop Assistant – which can help guide your BMW to the shoulder and bring it to a halt in a medical emergency situation.

As part of the standard Live Cockpit Professional, the Navigation system is enhanced with 3D visualizations of the surrounding area, depicting all of the cars, trucks and motorcycles registered by the cameras and sensors in the driver's current lane as well as those in any adjacent lanes. They are shown in the central section of the instrument display. Vehicles within

a critical distance are highlighted. Graphics indicate maneuvers which can be carried out with the help of the assistance systems. This ensures the driver has an overview of the situation and relevant courses of action at all times. If route guidance is activated, the screen also shows a panel with navigation instructions above the 3D view.

The Navigation has also been improved with a new digital cloud-based feature called BMW Maps. The benefits are faster route calculations and dynamic recalculation based on precise real-time traffic data. The route is worked out using an anticipatory approach, meaning upcoming traffic along the entire route is factored into the calculation of the expected arrival time. Complete traffic data is now available for more minor roads, too. Hazard warnings transmitted online from the BMW fleet now reach the car even faster thanks to connected navigation. These improvements help to produce a very accurate estimate of arrival time and improved route guidance. The destination input function has also been improved and now lets the driver enter any word. Alternatively, the destination can be entered at any time simply by voice control. Plus, points of interest (POIs) along the route are described in greater detail, with reviews, opening times and photos.

The optional Parking Assistance Package includes a panorama view and 3D surround camera views to assist with parking. The system helps identify suitable parallel and perpendicular parking spots and can guide your 5 Series into and out of your selected spot. The included Back-Up Assistant records the last 50 yards driven at speeds below 20 mph and can automatically reverse your 5 Series along the exact path take to help navigate narrow or winding driveways for example. The Remote 3D View function gives drivers the ability to call up a three-dimensional live image of their parked vehicle and its immediate vicinity on their smartphone. The Drive Recorder, a new feature to the BMW 5 Series, uses the cameras of the various driver assistance systems to record video footage from different points around the vehicle, before storing the recordings so they can be either watched later on the Control Display when the car is stationary or exported via the USB port.

The new 2021 BMW 5 Series Sedan also offers the latest version of BMW's Intelligent Personal Assistant to help interact with your car in a more natural way. Activated by a spoken prompt, such as "Hey BMW" or at the touch of a button, this digital companion learns the way you communicate to provide better and more accurate responses. Naturally spoken instructions can now also be used to open and close the car's windows (partially or fully) or adjust the air conditioning. In addition, the driver can set rules by which the BMW Intelligent Personal Assistant learns routines that increase convenience in specific situations. For

instance, the driver's window could be opened automatically when the vehicle reaches a chosen location entered using GPS coordinates, such as the entrance to a garage.

## **Exterior colors**

The new 2021 BMW 5 Series offers a choice of standard non-metallic and optional metallic paint finishes. The M550i xDrive includes metallic paint as standard and offers two optional Individual metallic colors.

- Alpine White (standard)
- Jet Black (standard, n/a on M550i xDrive)
- Carbon Black Metallic
- Black Sapphire Metallic
- Glacier Silver Metallic (n/a on M550i xDrive)
- Dark Graphite Metallic
- Mineral White Metallic
- Phytonic Blue Metallic (new for 2021 5 Series)
- Bluestone Metallic
- Bernina Grey Amber Effect (new color)
- Individual Tanzanite II Blue Metallic (M550i xDrive only)
- Individual Aventurin Red Metallic (M550i xDrive only)

## **Interior Upholstery and Trim**

Standard upholstery on the new 5 Series Sedan is Perforated SensaTec in Canberra Beige, Cognac or Black. Optional Dakota Leather with contrast stitching is offered in Ivory White, Cognac or Black. Optional supple Nappa Leather with contrast stitching is available in Ivory White, Mocha or Black.

The M550i xDrive features standard Dakota Leather with contrast stitching with Nappa Leather being available as an option.

An Anthracite Headliner is standard on all models with an Anthracite Alcantara Headliner available as an option on the M550i xDrive Sedan.

## Standard Equipment

Standard equipment on all 2021 5 Series models includes:

- Sport leather steering wheel
- 18-inch W-spoke reflex silver wheels with all-season run-flat tires.
- 8-speed STEPTRONIC automatic transmission
- Tire pressure monitor
- Alarm system
- Universal garage-door opener
- Comfort Access keyless entry
- Rear view camera
- Chrome Line exterior trim
- Moonroof
- Auto-dimming rear-view mirror
- Power front Sport seats with lumbar support
- 40/20/40 Split folding rear seat
- Ambient interior lighting
- Anthracite headliner
- Park distance control
- Automatic climate control
- Adaptive full LED lights
- Automatic high beams
- Live Cockpit Pro with iDrive 7 and 12.3" digital instrument and center displays
- SiriusXM with 1 year All Access subscription
- Apple CarPlay and Android Auto compatibility
- Enhanced USB and Bluetooth Smartphone integration
- WiFi Hotspot with complimentary 3-month or 3GB trial
- Connected Package Pro
- Active Protection
  - Automatic front seat belt tensioning
  - Automatic closing of windows and moonroof
  - Fatigue and focus alert
  - Post-crash braking
- Active Driving Assistant
  - Lane Departure warning

- Frontal collision and pedestrian warning
- City collision mitigation
- Blind spot detection
- Rear cross traffic alert
- Rear collision preparation
- Automatic high beams
- Speed limit information

530e and 530e xDrive PHEV Sedans add:

- Acoustic Protection for pedestrians
- XtraBoost Functionality

M550i xDrive Sedan adds:

- Remote Engine Start
- 19-inch M Y-spoke bicolor Jet Black wheels with performance run-flat tires
- M Sport brakes with blue calipers
- M Sport rear differential
- Adaptive M Suspension
- M Aerodynamic kit
- Rear spoiler
- Power tailgate
- Shadowline exterior trim
- M Steering wheel
- Multi-contour power front heated seats
- SensaTec dashboard
- Interior trim in Aluminum Rhombicle Smoke Grey with Pearl Chrome highlight trim
- Harman Kardon surround sound system

## **Packages and Optional Equipment**

Optional Packages on all 2021 5 Series sedans include:

Convenience Package (all models except M550i xDrive)

- Remote engine start (not available on 530e and 530e xDrive)
- Power tailgate
- Heated front seats or Heated front and rear seats.

Driving Assistance Plus Package (all models)

- Active Cruise Control with Stop & Go,
- Extended Traffic Jam Assist for limited access highways (Level 2)
- Lane Keeping Assistant with side collision avoidance
- Evasion Aid
- Front Cross-Traffic Alert

Dynamic Handling Package (540i and 540i xDrive only)

- Adaptive Drive
- Active Roll Stabilization
- Dynamic Damper Control

Dynamic Handling Package (M550i xDrive only)

- Adaptive M Suspension Professional
- Integral Active Steering
- Active Roll Stabilization

Shadowline Package (all models)

- Individual Shadowline lights
- Extended Shadowline exterior trim including Kidney Grille.

Luxury Seating Package (except M550i xDrive)

- Front ventilated seats
- Multi-Contour seats.

M Sport Package (all models except M550i xDrive)

- Choice of 19-inch m Y-spoke style 845M bicolor Jet Black wheels with either all-season runflat or performance run-flat tires or 20-inch Y-spoke style 846M bicolor Jet Black wheels with performance run-flat tires
- Variable sport steering
- Choice of Aluminum Rhombicle Smoke Grey interior trim with Pearl Chrome finisher or Fine-wood Ash Trunkwood open-pored trim with Pearl Chrome finisher or Finesline Ridge Wood Trim or Grey Poplar Wood Trim or Finesline Cove Matte Finish Wood Trim
- M Sport Suspension or Dynamic Handling Package
- M Steering wheel
- Aerodynamic kit

- Shadowline exterior trim

Parking Assistance Package (all models)

- Parking Assistant Plus
- Drive Recorder
- Active Park Distance Control
- Surround View with 3D View

Premium Package (all models except M550i xDrive)

- Remote Engine Start
- Power tailgate
- Heated front seats or Heated front and rear seats
- Head-Up Display
- Harman Kardon Surround sound system
- Wireless charging for compatible mobile devices
- Gesture Control

Premium Package (M550i xDrive only)

- Head-Up Display
- Wireless charging for compatible mobile devices
- Gesture Control

Executive Package (all models except M550i xDrive)

- Remote Engine Start
- Power tailgate
- Power rear sunshade & rear side window shades
- Heated front seats or Heated front and rear seats
- Ceramic Controls
- Head-Up Display
- Harman Kardon Surround sound system
- Wireless charging for compatible mobile devices
- Gesture Control

Executive Package (M550i xDrive only)

- Power rear sunshade & rear side window shades
- Ceramic Controls
- Head-Up Display

- Wireless charging for compatible mobile devices
- Gesture Control

Individual Options include:

- 18-inch Double-spoke style 844 orbit grey wheels with all-season run-flat tires (all models except M550i xDrive)
- 19-inch W-spoke style 663 bicolor wheels with all-season run-flat tires (all models except M550i xDrive)
- 19-inch V-spoke style 635 orbit grey wheels with all-season run-flat tires (all models except M550i xDrive)
- 19-inch W-spoke bicolor style 663 ferric grey wheels with performance run-flat tires (all models except M550i xDrive)
- 19-inch V-spoke style 635 wheels with performance run-flat tires (all models except M550i xDrive)
- 19" M Y-spoke style 845M bicolor Jet Black wheels with performance run-flat tires
- 19" M Y-spoke style 845M bicolor Jet Black wheels with all-season run-flat tires
- 20-inch Y-spoke style 846M bicolor Jet Black with performance run-flat tires
- 20" M Double-spoke style 668M wheels with perf. run-flat tires (M550i xDrive only)
- 20" M Double-spoke style 668M wheels with Michelin Pilot Super Sport non run-flat tires (M550i xDrive only)
- Heated steering wheel (all models)
- M Sport brakes with Blue calipers (all models except M550i xDrive)
- M Sport brakes with Red calipers (all models)
- Space saver spare tire (all models except 530e and 530e xDrive)
- Power rear sunshade and rear side window shades (all models)
- SensaTec dashboard (all models except M550i xDrive)
- Front messaging seats (all models)
- Front ventilated seats (M550i xDrive only)
- Front and rear heated seats (M550i xDrive only)
- Leather dashboard (M550i xDrive only)
- Fine-wood Ash Trunkwood open-pored trim with Pearl Chrome finisher
- Finline Cove Matte Finish Wood Trim
- Grey Poplar Wood Trim
- Individual Piano Black trim (M550i xDrive only)
- Bowers & Wilkins Diamond Surround Sound System (M550i xDrive only)

## Specifications

### 530i and 530e Sedans

		530i	530i xDrive	530e	530e xDrive
Seats	--	5	5	5	5
Number of Doors	--	4	4	4	4
Drive type	--	RWD	AWD	RWD	AWD
Length	inches	195.8	195.8	195.8	195.8
Width	inches	73.5	73.5	73.5	73.5
Width including mirrors	inches	83.7	83.7	83.7	83.7
Height	inches	58.2	58.2	58.4	58.4
Wheelbase	inches	117.1	117.1	117.1	117.1
Ground clearance	inches	5.5	5.5	5.7	5.7
Turning radius	feet	19.7	20.4	19.7	20.4
Shoulder width front	inches	58.7	58.7	58.7	58.7
Shoulder room 2 <sup>nd</sup> row	inches	55.9	55.9	55.9	55.9
Legroom front	inches	41.4	41.4	41.4	41.4
Legroom 2 <sup>nd</sup> row	inches	36.5	36.5	36.5	36.5
Headroom front	inches	38.8	38.8	38.8	38.8
Headroom 2 <sup>nd</sup> row	inches	37.5	37.5	37.5	37.5
Trunk volume	ft <sup>3</sup>	14.0	14.0	10.0	10.0
Fuel Tank capacity	gallons	18.0	18.0	12.1	12.1
Curb weight	lbs.	3,765	3,878	4,220	4,321
Gross vehicle weight	lbs.	4,927	5,225	5,357	5,470
Payload	lbs.	800	895	798	794
Weight distribution front/rear	percent				
Engine type	--	B48B2001	B48B2001	B48B2001	B48B2001
Induction		Turbocharged	Turbocharged	Turbocharged	Turbocharged
Cylinders	--	4	4	4	4
Valves per cylinder	--	4	4	4	4
Bore x Stroke	mm	82.0 x 94.6	82.0 x 94.6	82.0 x 94.6	82.0 x 94.6
Displacement	cm <sup>3</sup>	1,998	1,998	1,998	1,998

Compression rate	:1	10.2	10.2	10.2	10.2
Engine power	hp	248 @ 5,200 – 6,500	248 @ 5,200 – 6,500	181 @ 3,800-6,500	181 @ 3,800-6,500
Engine torque	ft.-lbs.	258 @ 1,450 – 4,800	258 @ 1,450 – 4,800	258 @ 1,450 – 3,600	258 @ 1,450 – 3,600
Fuel type	--	Gasoline	Gasoline	Gasoline	Gasoline
Recommended Fuel	--	Premium	Premium	Premium	Premium
Engine oil capacity	quarts	5.5	5.5	5.5	5.5
Output per liter	hp/liter	124.1	124.1	90.6	90.6
Electric Motor		--	--	Traction	Traction
Power	hp @ rpm	--	--	107 @ 5000	107 @ 5,000
Torque	ft-lb @ rpm	--	--	77 @ 100 – 2,500	77 @ 100 – 2,500
Combined Power / torque	hp / ft-lbs	--	--	288 / 310	288 / 310
High Voltage Battery	--	--	--	Lithium-ion	Lithium-ion
Battery capacity net / gross	kWh	--	--	12.0 / 9.08	12.0 / 9.08
Battery capacity	Ah	--	--	34	34
Charging time 0 – 80% 3.7 (1.1) kW	hours	--	--	2.1 (8.2)	2.1 (8.2)
Charging time 0 -100% 3.7 (1.1) kW	hours	--	--	3.0 (11.3)	3.0 (11.3)
Transmission type	--	Automatic	Automatic	Automatic	Automatic
Gear ratios 1st gear	--	5.25	5.25	4.71	4.71
2nd	--	3.36	3.36	3.14	3.14
3rd	--	2.17	2.17	2.11	2.11
4th	--	1.72	1.72	1.67	1.67
5th	--	1.14	1.14	1.29	1.29
6th	--	1.00	1.00	1.00	1.00
7th	--	0.82	0.82	0.84	0.84
8th	--	0.64	0.64	0.67	0.67
Reverse gear	--	3.71	3.71	3.32	3.32
Final drive ratio	--	2.81	2.81	3.23	3.23

Power-steering type	--	EPS	EPS	EPS	EPS
Steering ratio	:1	17.0	16.5	17.0	16.5
18" Tires, standard front & rear		245/45R18	245/45R18	245/45R18	245/45R18
18" Wheels, standard front & rear	inches	18 x 8.0	18 x 8.0	18 x 8.0	18 x 8.0
19" Tires, optional front & rear		245/40R19	245/40R19	245/40R19	245/40R19
19" Wheels, optional front & rear	inches	19 x 8.0	19 x 8.0	19 x 8.0	19 x 8.0
19" Tires, optional rear		275/35R19	275/35R19	275/35R19	275/35R19
19" wheels, optional rear	inches	19 x 9.0	19 x 9.0	19 x 9.0	19 x 9.0
20" Tires, optional front		245/35R20	245/35R20	245/35R20	245/35R20
20" Tires, optional rear		275/30R20	275/30R20	275/30R20	275/30R20
20" Wheels, optional front	inches	20 x 8.0	20 x 8.0	20 x 8.0	20 x 8.0
20' Wheels, optional rear	Inches	20 x 9.0	20 x 9.0	20 x 9.0	20 x 9.0
Track, front	inches	63.2	63.2	63.1	63.1
Rear, track	inches	64.2	64.2	64.2	64.2
Cx	--	0.27	0.28	0.29	0.28
0-60 mph	seconds	5.9	5.8	5.7	5.7
Top speed (with performance tires)	mph	130 (155)	130 (155)	130 (146)	130 (143)
EPA Fuel Economy, city / hwy	mpg	tbd	tbd	tbd	tbd
EPA estimated electric only range	miles	--	--	tbd	tbd

**540i and M550i Sedans**

		540i	540i xDrive	M550i xDrive
Seats	--	5	5	5
Number of Doors	--	4	4	4
Drive type	--	RWD	AWD	AWD
Length	inches	195.8	195.8	195.8
Width	inches	73.5	73.5	73.5
Width including mirrors	inches	83.7	83.7	83.7
Height	inches	58.2	58.2	58.4
Wheelbase	inches	117.1	117.1	117.1

Ground clearance	inches	5.7	5.5	5.2
Turning radius	feet	19.7	20.4	20.4
Shoulder width front	inches	58.7	58.7	58.7
Shoulder room 2 <sup>nd</sup> row	inches	55.9	55.9	55.9
Legroom front	inches	41.4	41.4	41.4
Legroom 2 <sup>nd</sup> row	inches	36.5	36.5	36.5
Headroom front	inches	38.8	38.8	38.8
Headroom 2 <sup>nd</sup> row	inches	37.5	37.5	37.5
Trunk volume	ft <sup>3</sup>	14.0	14.0	14.0
Fuel Tank capacity	gallons	18.0	18.0	18.0
Curb weight	lbs.	3,898	4,050	4,275
Gross vehicle weight	lbs.	5,104	5,302	5,578
Payload	lbs.	820	869	928
Engine type	--	B58B30M1	B58B30M1	N63B44T3
Induction		Turbocharged	Turbocharged	Turbocharged
Cylinders	--	6	6	8
Valves per cylinder	--	4	4	4
Bore x Stroke	mm	82.0 x 94.6	82.0 x 94.6	89.0 x 88.3
Displacement	cm <sup>3</sup>	2,998	2,998	4,395
Compression rate	:1	11.0	11.0	10.5
Engine power	hp	335 @ 5,500 – 6,500	335 @ 5,500 – 6,500	523 @ 5,500-6,000
Engine torque	ft.-lbs.	332 @ 1,500 – 5,200	332 @ 1,500 – 5,200	553 @ 1,800 – 4,600
Fuel type	--	Gasoline	Gasoline	Gasoline
Recommended Fuel	--	Premium	Premium	Premium
Engine oil capacity	quarts	6.9	6.9	11.1
Output per liter	hp/liter	111.7	111.7	119.0
Transmission type	--	Automatic	Automatic	Automatic
Gear ratios 1st gear	--	5.25	5.25	5.50
2nd	--	3.36	3.36	3.25
3rd	--	2.17	2.17	2.20

4th	--	1.72	1.72	1.20
5th	--	1.14	1.14	1.32
6th	--	1.00	1.00	1.00
7th	--	0.82	0.82	0.82
8th	--	0.64	0.64	0.64
Reverse gear	--	3.71	3.71	3.99
Final drive ratio	--	2.93	2.93	2.81
Power-steering type	--	EPS	EPS	EPS
Steering ratio	:1	17.0	16.5	16.5
18" Tires, standard front & rear		245/45R18	245/45R18	--
18" Wheels, standard front & rear	inches	18 x 8.0	18 x 8.0	--
19" Tires, opt./std. front & rear		245/40R19	245/40R19	245/40R19
19" Wheels, opt./std. front & rear	inches	19 x 8.0	19 x 8.0	19 x 8.0
19" Tires, opt./std. rear		275/35R19	275/35R19	275/35R19
19" wheels, opt./std. rear	inches	19 x 9.0	19 x 9.0	19 x 9.0
20" Tires, optional front		245/35R20	245/35R20	245/35R20
20" Tires, optional rear		275/30R20	275/30R20	275/30R20
20" Wheels, optional front	inches	20 x 8.0	20 x 8.0	20 x 8.0
20' Wheels, optional rear	Inches	20 x 9.0	20 x 9.0	20 x 9.0
Track, front	inches	63.0	63.0	63.0
Rear, track	inches	64.0	64.0	62.9
Cx	--	0.28	0.29	0.28
0-60 mph	seconds	4.9	4.6	3.6
Top speed (with performance tires)	mph	130 (155)	130 (155)	130 (155)
EPA Fuel Economy, city / hwy	mpg	tbd	tbd	tbd

## **BMW Group In America**

BMW of North America, LLC has been present in the United States since 1975. Rolls-Royce Motor Cars NA, LLC began distributing vehicles in 2003. The BMW Group in the United States has grown to include marketing, sales, and financial service organizations for the BMW brand of motor vehicles, including motorcycles, the MINI brand, and Rolls-Royce Motor Cars; Designworks, a strategic design consultancy based in California; technology offices in Silicon Valley and Chicago, and various other operations throughout the country. BMW Manufacturing Co., LLC in South Carolina is the BMW Group global center of competence for BMW X models and manufactures the X3, X4, X5, X6 and X7 Sports Activity Vehicles. The BMW Group sales organization is represented in the U.S. through networks of 348 BMW passenger car and BMW Sports Activity Vehicle centers, 144 BMW motorcycle retailers, 122 MINI passenger car dealers, and 38 Rolls-Royce Motor Car dealers. BMW (US) Holding Corp., the BMW Group's sales headquarters for North America, is located in Woodcliff Lake, New Jersey.

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