

# 2019 MAZDA CX-9

## SPECIFICATIONS



mazda

# 2019 MAZDA CX-9 SPORT



## ENGINE & MECHANICAL

|  |   |
|--|---|
| ENGINE TYPE  | SKYACTIV®-G <sup>1</sup> 2.5T Dynamic Pressure Turbo DOHC 16-valve 4-cylinder with VVT  |
| HORSEPOWER 87 OCTANE REGULAR UNLEADED FUEL         | 227 hp @ 5,000 rpm  |
| HORSEPOWER 93 OCTANE PREMIUM UNLEADED FUEL         | 250 hp @ 5,000 rpm  |
| TORQUE   | 310 lb-ft @ 2,000 rpm   |
| REDLINE  | 6,300 rpm   |
| DISPLACEMENT (CC)                                  | 2488  |
| BORE X STROKE (MM)                                 | 89 x 100  |
| COMPRESSION RATIO                                  | 10.5 : 1  |
| FUEL SYSTEM  | Advanced Direct Injection   |
| RECOMMENDED FUEL                                   | Regular unleaded  |
| VALVETRAIN   | Chain-driven dual overhead cams, 4 valves per cylinder with variable valve timing (VVT) |
| IGNITION SYSTEM                                    | Direct coil-on-plug electronic ignition with iridium alloy platinum-tipped spark plugs  |
| ENGINE BLOCK                                       | Aluminum alloy  |
| CYLINDER HEAD                                      | Aluminum alloy  |
| EMISSION REGULATION (50 STATE)                     | ULEV  |
| SKYACTIV VEHICLE DYNAMICS WITH G-VECTORING CONTROL |   |

## EPA-ESTIMATED FUEL ECONOMY

FWD, AUTOMATIC TRANSMISSION (CITY/HWY)<sup>2</sup> 22/28

AWD, AUTOMATIC TRANSMISSION (CITY/HWY)<sup>2</sup> 20/26

## DRIVETRAIN

TYPE Front-wheel drive (FWD) or i-ACTIV AWD<sup>®</sup>

AUTOMATIC TRANSMISSION SKYACTIV<sup>®</sup>-Drive 6-speed automatic transmission with manual-shift and Sport Mode

GEAR RATIOS (:1) 6AT

1ST 3.487

2ND 1.992

3RD 1.449

4TH 1.000

5TH 0.707

6TH 0.600

REVERSE 3.990

FINAL DRIVE 4.411

## CHASSIS

BRAKES 4-wheel disc, diagonal hydraulic

- FRONT 12.6-inch vented disc

- REAR 12.8-inch solid disc

- ABS 4-wheel, 4-channel with Electronic Brake force Distribution (EBD) and Brake Assist

PARKING BRAKE Electronic

STEERING TYPE Power rack-and-pinion with variable assist

POWER ASSIST Electronic Power Assist Steering (EPAS)

OVERALL STEERING RATIO 17.6:1

STEERING WHEEL TURNS, LOCK-TO-LOCK 3.1

TURNING CIRCLE DIAMETER, CURB-TO-CURB (FT) 38.8

SUSPENSION 4-wheel independent

- FRONT MacPherson strut with stabilizer bar

- REAR Multilink with stabilizer bar

WHEEL SIZE (IN) 18 x 8 aluminum alloy

TIRE SIZE P255/60 R18 all-season tires

TEMPORARY SPARE TIRE T155/90 D17

## WEIGHTS & CAPACITIES

CURB WEIGHT (LBS) 4,217(FWD) / 4,383 (AWD)

|                                |                         |
|--------------------------------|-------------------------|
| <b>TOWING CAPACITY (LBS)</b>   | 3,500 <sup>3</sup>      |
| <b>FUEL CAPACITY (GALLONS)</b> | 19.0 (FWD) / 19.5 (AWD) |

## EXTERIOR

### EXTERIOR DIMENSIONS



|  |             |
|--|-------------|
| <b>WHEELBASE (IN)</b>  | 115.3       |
| <b>TRACK, FRONT (IN)</b>                                     | 65.3        |
| <b>TRACK, REAR (IN)</b>                                      | 65.2        |
| <b>LENGTH (IN), WITHOUT FRONT LICENSE PLATE HOLDER</b>       | 199.4       |
| <b>WIDTH (IN), WITH/WITHOUT WHEEL ARCH MOLDINGS</b>          | 77.5 / 77.2 |
| <b>HEIGHT (IN), UP TO ROOF WITH/WITHOUT SHARKFIN ANTENNA</b> | 69.0 / 67.6 |
| <b>GROUND CLEARANCE (UNLADEN) (IN)</b>                       | 8.8         |

### EXTERIOR FEATURES

LED Headlights with auto off and auto height control

LED Daytime Running Lights

LED Combination taillights

Variable-intermittent windshield wipers

Intermittent rear wiper/washer

Black front, side and rear lower body molding

Body-colored power side mirrors with integrated LED turn signal lamps



Rear privacy glass

Dual exhaust outlets

Body-color rear roof spoiler

## INTERIOR

### INTERIOR DIMENSIONS & CAPACITIES

|  |                    |
|--|--------------------|
| HEADROOM (IN), FRONT/2ND-ROW/3RD-ROW   | 39.3 / 38.5 / 35.4 |
| SHOULDER ROOM (IN), FRONT/2ND-ROW/3RD-ROW  | 57.9 / 58.1 / 53.1 |
| HIP ROOM (IN), FRONT/2ND-ROW/3RD-ROW   | 56.7 / 57.4 / 40.1 |
| LEGGROOM (IN), FRONT/2ND-ROW/3RD-ROW   | 41.0 / 39.4 / 29.7 |
| EPA PASSENGER VOLUME (CU FT)   | 135.1              |
| EPA CARGO VOLUME (CU FT), REAR SEATS UP/<br>3RD-ROW FOLDED/2ND AND 3RD-ROWS FOLDED | 14.4 / 38.2 / 71.2 |

### COMFORT & CONVENIENCE

Three-zone automatic climate control with pollen filter

Power windows with one-touch down/up feature

Power door locks with speed sensing auto locking

Front door courtesy lamps

Cruise Control

Remote keyless entry system

Push Button Start

Dual visor vanity mirrors with extension

Front door pocket illumination

Tilt & telescopic steering column

12-volt power outlets (1 front/1 cargo area)

Remote fuel-door release

Rear window defogger with timer

### STORAGE

Glove compartment

Overhead console with sunglass holder

Front center console armrest with storage and 2 USB inputs

2nd-row center armrest with integrated cup holders

Front and rear door bottle holders with storage pockets/bins

Driver and Front passenger seatback pockets

Cargo area with storage boxes and under floor storage

## SEATING & TRIM

7-passenger seating capacity

6-way manual adjusted driver's seat

4-way manual front passenger seat

60/40 split fold-down and reclining 2nd-row seats with tilt and slide 3rd-row access

50/50 split fold-down 3rd-row seats

Cloth trimmed seating

Leather-wrapped steering wheel

Leather-wrapped shift knob

Carpet floor mats

## AUDIO & INFOTAINMENT

7" full-color touch screen display

AM/FM/HD Radio™ audio system with automatic level control and 6 speakers

Bluetooth® hands-free phone and audio streaming capability<sup>7</sup>

MAZDA CONNECT™ Infotainment System<sup>8</sup>

- Multifunction Commander control
- Infotainment system voice command
- Radio Broadcast Data System program information
  - Aha™ internet radio integration
  - Pandora® internet radio integration
  - Stitcher™ internet radio integration
- SMS text message audio delivery and reply
- E911 automatic emergency notification

Auxiliary-audio input jack

USB Audio Input, 2 in front center console

Steering-wheel-mounted audio, phone and cruise controls

## INSTRUMENTATION

Speedometer, tachometer and fuel gauge

Ambient temperature & clock display

Trip computer

## SAFETY & SECURITY

Advanced front air bags<sup>14</sup> with seat belt-use, passenger-weight sensors

Front side-impact air bags<sup>14</sup> and side-impact air curtains<sup>14</sup> with rollover protection

3-point seat belts for all seating positions

Front seat-belt pretensioners with force limiters

Anti-lock Brake System with Electronic Brake force Distribution & Brake Assist

Dynamic Stability Control<sup>15</sup> with Traction Control System and Trailer Stability Assist

Rearview camera<sup>16</sup>

Roll Stability Control<sup>18</sup>

Hill Launch Assist<sup>19</sup>

Blind Spot Monitoring<sup>20</sup> with Rear Cross Traffic Alert<sup>20</sup>

Smart City Brake Support<sup>26</sup>

Side-impact door beams

Engine-immobilizer antitheft system

Tire-Pressure Monitoring System (TPMS)

LATCH 2nd-row seat child-safety-seat anchors & upper tether anchors

Child-safety rear door locks

## PACKAGES & OPTIONS

### PACKAGES

#### Power Driver's Seat and Heated Side Mirror Package

Power driver's seat with power lumbar support

Heated front cloth seats

Heated side mirrors

Auto On/Off headlights

High Beam Control

Lane-keep Assist<sup>21</sup>

Lane Departure Warning<sup>22</sup>

Mazda Radar Cruise Control with Stop & Go<sup>5</sup>

Rain-sensing variable-intermittent windshield wipers

Smart Brake Support<sup>25</sup>

Advanced Smart City Brake Support with pedestrian detection<sup>24</sup>

### OPTIONS

**Snowflake White Pearl Mica Paint (Extra Cost Option)**

**Machine Gray Metallic paint (Extra Cost Option)**

# 2019 MAZDA CX-9 TOURING



## ENGINE & MECHANICAL

|  |   |
|--|---|
| ENGINE TYPE  | SKYACTIV®-G <sup>i</sup> 2.5T Dynamic Pressure Turbo DOHC 16-valve 4-cylinder with VVT  |
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| HORSEPOWER 93 OCTANE PREMIUM UNLEADED FUEL         | 250 hp @ 5,000 rpm  |
| TORQUE   | 310 lb-ft @ 2,000 rpm   |
| REDLINE  | 6,300 rpm   |
| DISPLACEMENT (CC)                                  | 2488  |
| BORE X STROKE (MM)                                 | 89 x 100  |
| COMPRESSION RATIO                                  | 10.5 : 1  |
| FUEL SYSTEM  | Advanced Direct Injection   |
| RECOMMENDED FUEL                                   | Regular unleaded  |
| VALVETRAIN   | Chain-driven dual overhead cams, 4 valves per cylinder with variable valve timing (VVT) |
| IGNITION SYSTEM                                    | Direct coil-on-plug electronic ignition with iridium alloy platinum-tipped spark plugs  |
| ENGINE BLOCK                                       | Aluminum alloy  |
| CYLINDER HEAD                                      | Aluminum alloy  |
| EMISSION REGULATION (50 STATE)                     | ULEV  |
| SKYACTIV VEHICLE DYNAMICS WITH G-VECTURING CONTROL |   |



## EPA-ESTIMATED FUEL ECONOMY

FWD, AUTOMATIC TRANSMISSION (CITY/HWY)<sup>2</sup> 22/28

AWD, AUTOMATIC TRANSMISSION (CITY/HWY)<sup>2</sup> 20/26

## DRIVETRAIN

TYPE Front-wheel drive (FWD) or i-ACTIV AWD®

AUTOMATIC TRANSMISSION SKYACTIV®-Drive<sup>1</sup> 6-speed automatic transmission with manual-shift and Sport Mode

GEAR RATIOS (:1) 6AT

1ST 3.487

2ND 1.992

3RD 1.449

4TH 1.000

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REVERSE 3.990

FINAL DRIVE 4.411

## CHASSIS

BRAKES 4-wheel disc, diagonal hydraulic

- FRONT 12.6-inch vented disc

- REAR 12.8-inch solid disc

- ABS 4-wheel, 4-channel with Electronic Brake force Distribution (EBD) and Brake Assist

PARKING BRAKE Electronic

STEERING TYPE Power rack-and-pinion with variable assist

POWER ASSIST Electronic Power Assist Steering (EPAS)

OVERALL STEERING RATIO 17.6:1

STEERING WHEEL TURNS, LOCK-TO-LOCK 3.1

TURNING CIRCLE DIAMETER, CURB-TO-CURB (FT) 38.8

SUSPENSION 4-wheel independent

- FRONT MacPherson strut with stabilizer bar

- REAR Multilink with stabilizer bar

WHEEL SIZE (IN) 18 x 8 aluminum alloy

TIRE SIZE P255/60 R18 all-season tires

TEMPORARY SPARE TIRE T155/90 D17

## WEIGHTS & CAPACITIES

CURB WEIGHT (LBS) 4,217(FWD) / 4,383 (AWD)

TOWING CAPACITY (LBS)

3,500<sup>3</sup>

FUEL CAPACITY (GALLONS)

19.0 (FWD) / 19.5 (AWD)

## EXTERIOR

### EXTERIOR DIMENSIONS



WHEELBASE (IN)

115.3

TRACK, FRONT (IN)

65.3

TRACK, REAR (IN)

65.2

LENGTH (IN), WITHOUT FRONT LICENSE PLATE HOLDER

199.4

WIDTH (IN), WITH/WITHOUT WHEEL ARCH MOLDINGS

77.5 / 77.2

HEIGHT (IN), UP TO ROOF WITH/WITHOUT SHARKFIN ANTENNA

69.0 / 67.6

GROUND CLEARANCE (UNLADEN) (IN)

8.8

### EXTERIOR FEATURES

LED Headlights with auto on/off and auto height control

LED Daytime Running Lights

LED Combination taillights

High Beam Control

Rain-sensing variable-intermittent windshield wipers

Intermittent rear wiper/washer

Black front, side and rear lower body molding

Body-colored power side mirrors with integrated LED turn signal lamps

Heated side mirrors

Rear privacy glass

Dual exhaust outlets

Body-color rear roof spoiler

## INTERIOR

### INTERIOR DIMENSIONS & CAPACITIES

|  |                    |
|--|--------------------|
| HEADROOM (IN), FRONT/2ND-ROW/3RD-ROW   | 39.3 / 38.5 / 35.4 |
| SHOULDER ROOM (IN), FRONT/2ND-ROW/3RD-ROW  | 57.9 / 58.1 / 53.1 |
| HIP ROOM (IN), FRONT/2ND-ROW/3RD-ROW   | 56.7 / 57.4 / 40.1 |
| LEGGROOM (IN), FRONT/2ND-ROW/3RD-ROW   | 41.0 / 39.4 / 29.7 |
| EPA PASSENGER VOLUME (CU FT)   | 135.1              |
| EPA CARGO VOLUME (CU FT), REAR SEATS UP/<br>3RD-ROW FOLDED/2ND AND 3RD-ROWS FOLDED | 14.4 / 38.2 / 71.2 |

### COMFORT & CONVENIENCE

Three-zone automatic climate control with pollen filter

Power windows with one-touch down/up feature

Power door locks with speed sensing auto locking

Front door courtesy lamps

Frameless auto dimming rearview mirror with HomeLink®<sup>4</sup>

Mazda Radar Cruise Control with Stop & Go<sup>3</sup>

Mazda Advanced Keyless Entry and Start System

Push Button Start

Dual illuminated visor vanity mirrors with extension

Front door pocket illumination

Tilt & telescopic steering column

Power Rear Liftgate with programmable height adjustment<sup>6</sup>

12-volt power outlets (1 front/1 cargo area)

Remote fuel-door release

Rear window defogger with timer

### STORAGE

Glove compartment

Overhead console with sunglass holder

Front center console armrest with storage and 2 USB inputs

2nd-row center armrest with integrated cup holders

Front and rear door bottle holders with storage pockets/bins

Driver and Front passenger seatback pockets

Cargo area with storage boxes and under floor storage

## **SEATING & TRIM**

7-passenger seating capacity

Power driver's seat with power lumbar support

Power front passenger seat

60/40 split fold-down and reclining 2nd-row seats with tilt and slide 3rd-row access

50/50 split fold-down 3rd-row seats

Heated front seats (3 levels)

Leather-trimmed seats (1st and 2nd-row outboard seating positions)

Leather-wrapped steering wheel

Leather-wrapped shift knob

Carpet floor mats

## **AUDIO & INFOTAINMENT**

8" full-color touch screen display

AM/FM/HD Radio™ audio system with automatic level control and 6 speakers

Bluetooth® hands-free phone and audio streaming capability<sup>7</sup>

MAZDA CONNECT™ Infotainment System<sup>8</sup>

- Multifunction Commander control
- Infotainment system voice command
- Radio Broadcast Data System program information
  - Aha™ internet radio integration
  - Pandora® internet radio integration
  - Stitcher™ internet radio integration
- SMS text message audio delivery and reply
- E911 automatic emergency notification

Apple CarPlay™ integration<sup>9</sup>

Android Auto™ integration<sup>10</sup>

Auxiliary-audio input jack

USB Input, 2 front and 2 rear

Steering-wheel-mounted audio, phone and cruise controls

## **INSTRUMENTATION**

Speedometer, tachometer and fuel gauge, black with white lettering

Ambient temperature & clock display

Trip computer

## **SAFETY & SECURITY**

Advanced front air bags<sup>14</sup> with seat belt-use, passenger-weight sensors

Front side-impact air bags<sup>14</sup> and side-impact air curtains<sup>14</sup> with rollover protection

3-point seat belts for all seating positions

Front seat-belt pretensioners with force limiters

Anti-lock Brake System with Electronic Brake force Distribution & Brake Assist

Dynamic Stability Control<sup>15</sup> with Traction Control System and Trailer Stability Assist

Rearview camera<sup>16</sup>

Roll Stability Control<sup>18</sup>

Hill Launch Assist<sup>19</sup>

Blind Spot Monitoring<sup>20</sup> with Rear Cross Traffic Alert<sup>20</sup>

Lane-keep Assist<sup>21</sup>

Lane Departure Warning<sup>22</sup>

Advanced Smart City Brake Support with pedestrian detection<sup>24</sup>

Smart Brake Support<sup>25</sup>

Side-impact door beams

Engine-immobilizer antitheft system

Tire-Pressure Monitoring System (TPMS)

LATCH 2nd-row seat child-safety-seat anchors & upper tether anchors

Child-safety rear door locks

## PACKAGES & OPTIONS

### PACKAGES

#### Touring Premium Package

Bose® Centerpoint® Surround Sound System with AudioPilot® and 12 speakers

LED Foglights

Power sliding-glass moonroof with one-touch open feature and interior sunshade

Front and rear parking sensors<sup>23</sup>

2nd-row retractable window sunshades

SiriusXM® Satellite Radio with 4-month trial subscription<sup>11</sup>

SiriusXM® 3-year Traffic and Travel Link® subscription<sup>11</sup> includes current information for:

- Traffic
- Weather
- Sports scores
- Fuel prices
- Nearby parking or parking by destination

Mazda Navigation System

### OPTIONS

**Snowflake White Pearl Mica Paint (Extra Cost Option)**

**Soul Red Crystal Metallic Paint (Extra Cost Option)**

**Machine Gray Metallic paint (Extra Cost Option)**

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| BORE X STROKE (MM)                                 | 89 x 100  |
| COMPRESSION RATIO                                  | 10.5 : 1  |
| FUEL SYSTEM  | Advanced Direct Injection   |
| RECOMMENDED FUEL                                   | Regular unleaded  |
| VALVETRAIN   | Chain-driven dual overhead cams, 4 valves per cylinder with variable valve timing (VVT) |
| IGNITION SYSTEM                                    | Direct coil-on-plug electronic ignition with iridium alloy platinum-tipped spark plugs  |
| ENGINE BLOCK                                       | Aluminum alloy  |
| CYLINDER HEAD                                      | Aluminum alloy  |
| EMISSION REGULATION (50 STATE)                     | ULEV  |
| SKYACTIV VEHICLE DYNAMICS WITH G-VECTURING CONTROL |   |



## EPA-ESTIMATED FUEL ECONOMY

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## CHASSIS

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STEERING WHEEL TURNS, LOCK-TO-LOCK 3.1

TURNING CIRCLE DIAMETER, CURB-TO-CURB (FT) 38.8

SUSPENSION 4-wheel independent

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- REAR Multilink with stabilizer bar

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TEMPORARY SPARE TIRE T155/90 D17

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| <b>TRACK, REAR (IN)</b>                                      | 65.2        |
| <b>LENGTH (IN), WITHOUT FRONT LICENSE PLATE HOLDER</b>       | 199.4       |
| <b>WIDTH (IN), WITH/WITHOUT WHEEL ARCH MOLDINGS</b>          | 77.5 / 77.2 |
| <b>HEIGHT (IN), UP TO ROOF WITH/WITHOUT SHARKFIN ANTENNA</b> | 69.0 / 67.6 |
| <b>GROUND CLEARANCE (UNLADEN) (IN)</b>                       | 8.8         |

### EXTERIOR FEATURES

LED Headlights with auto on/off and auto height control

LED Daytime Running Lights

LED Combination taillights

LED Fog lights

High beam control

Adaptive Front Lighting System

Rain-sensing variable-intermittent windshield wipers

Windshield Wiper De-icer

Intermittent rear wiper/washer

Chrome front, side and rear lower body molding

Body-colored power side mirrors with integrated LED turn signal lamps

Automatic power folding side mirrors

Heated side mirrors

Rear privacy glass

Aluminum roof rails in satin chrome finish

Dual exhaust outlets

Body-color rear roof spoiler

## INTERIOR

### INTERIOR DIMENSIONS & CAPACITIES

|  |                    |
|--|--------------------|
| HEADROOM (IN), FRONT/2ND-ROW/3RD-ROW   | 39.3 / 38.5 / 35.4 |
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### COMFORT & CONVENIENCE

Three-zone automatic climate control with pollen filter

Power sliding-glass moonroof with one-touch-open feature and interior sunshade

Power windows with one-touch down/up feature

Power door locks with speed sensing auto locking

Front and rear door courtesy lamps

Frameless auto dimming rearview mirror with HomeLink®<sup>4</sup>

Mazda Radar Cruise Control with Stop & Go<sup>5</sup>

Mazda Advanced Keyless Entry and Start System

Push Button Start

Dual illuminated visor vanity mirrors with extension

LED accent lighting for shifter area, door pockets, door pulls and window/door lock switches

Aluminum interior trim

Tilt & telescopic steering column

Power Rear Liftgate with programmable height adjustment<sup>6</sup>

12-volt power outlets (1 front/1 cargo area)

Remote fuel-door release

2nd-row retractable window sunshades

Rear window defogger with timer

## **STORAGE**

Glove compartment

Overhead console with sunglass holder

Front center console armrest with storage and 2 USB inputs

2nd-row center armrest with integrated cup holders, storage and 2 USB inputs

Front and rear door bottle holders with storage pockets/bins

Driver and Front passenger seatback pockets

Cargo area with storage boxes and under floor storage

## **SEATING & TRIM**

7-passenger seating capacity

Power driver's seat with power lumbar support and 2-position memory

Power front passenger seat

60/40 split fold-down and reclining 2nd-row seats with tilt and slide 3rd-row access

50/50 split fold-down 3rd-row seats

Ventilated front seats (3 levels)

Heated front seats (3 levels)

Heated 2nd-row seats

Leather-trimmed seats (1st and 2nd-row outboard seating positions)

Leather-wrapped steering wheel

Heated steering wheel

Leather-wrapped shift knob

Carpet floor mats

## **AUDIO & INFOTAINMENT**

8" full-color touch screen display

Bose® Centerpoint2® Surround Sound audio system with AudioPilot and 12 speakers

Bluetooth® hands-free phone and audio streaming capability<sup>7</sup>

HD Radio™

Mazda Navigation System

MAZDA CONNECT™ Infotainment System<sup>8</sup>

- Multifunction Commander control
- Infotainment system voice command
- Radio Broadcast Data System program information
  - Aha™ internet radio integration
  - Pandora® internet radio integration
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- SMS text message audio delivery and reply
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SiriusXM® 3-year Traffic and Travel Link® subscription<sup>11</sup> includes current information for:

- Traffic
- Weather
- Sports scores
- Fuel prices
- Nearby parking or parking by destination

Auxiliary-audio input jack

USB Input, 2 front and 2 rear

Steering-wheel-mounted audio, phone and cruise controls

## **INSTRUMENTATION**

Speedometer, tachometer and fuel gauge, black with white lettering

Active Driving Display with Traffic Sign Recognition<sup>13</sup>

Ambient temperature & clock display

7" LCD Multi-Information Display

## **SAFETY & SECURITY**

Advanced front air bags<sup>14</sup> with seat belt-use, passenger-weight sensors

Front side-impact air bags<sup>14</sup> and side-impact air curtains<sup>14</sup> with rollover protection

3-point seat belts for all seating positions

Front seat-belt pretensioners with force limiters

Anti-lock Brake System with Electronic Brake force Distribution & Brake Assist

Dynamic Stability Control<sup>15</sup> with Traction Control System and Trailer Stability Assist

Rearview camera<sup>16</sup>

360° View Monitor<sup>17</sup>

Roll Stability Control<sup>18</sup>

Hill Launch Assist<sup>19</sup>

Blind Spot Monitoring<sup>20</sup> with Rear Cross Traffic Alert<sup>20</sup>

Lane-keep Assist<sup>21</sup>

Lane Departure Warning<sup>22</sup>

Front and rear parking sensors<sup>23</sup>

Advanced Smart City Brake Support with pedestrian detection<sup>24</sup>

Smart Brake Support<sup>25</sup>

Side-impact door beams

Engine-immobilizer antitheft system

Tire-Pressure Monitoring System (TPMS)

LATCH 2nd-row seat child-safety-seat anchors & upper tether anchors

Child-safety rear door locks

## **OPTIONS**

**Snowflake White Pearl Mica Paint (Extra Cost Option)**

**Soul Red Crystal Metallic Paint (Extra Cost Option)**

**Machine Gray Metallic paint (Extra Cost Option)**



# 2019 MAZDA CX-9 SIGNATURE



## ENGINE & MECHANICAL

|  |   |
|--|---|
| ENGINE TYPE  | SKYACTIV®-G <sup>1</sup> 2.5T Dynamic Pressure Turbo DOHC 16-valve 4-cylinder with VVT  |
| HORSEPOWER 87 OCTANE REGULAR UNLEADED FUEL         | 227 hp @ 5,000 rpm  |
| HORSEPOWER 93 OCTANE PREMIUM UNLEADED FUEL         | 250 hp @ 5,000 rpm  |
| TORQUE   | 310 lb-ft @ 2,000 rpm   |
| REDLINE  | 6,300 rpm   |
| DISPLACEMENT (CC)                                  | 2488  |
| BORE X STROKE (MM)                                 | 89 x 100  |
| COMPRESSION RATIO                                  | 10.5 : 1  |
| FUEL SYSTEM  | Advanced Direct Injection   |
| RECOMMENDED FUEL                                   | Regular unleaded  |
| VALVETRAIN   | Chain-driven dual overhead cams, 4 valves per cylinder with variable valve timing (VVT) |
| IGNITION SYSTEM                                    | Direct coil-on-plug electronic ignition with iridium alloy platinum-tipped spark plugs  |
| ENGINE BLOCK                                       | Aluminum alloy  |
| CYLINDER HEAD                                      | Aluminum alloy  |
| EMISSION REGULATION (50 STATE)                     | ULEV  |
| SKYACTIV VEHICLE DYNAMICS WITH G-VECTURING CONTROL |   |

## EPA-ESTIMATED FUEL ECONOMY

AWD, AUTOMATIC TRANSMISSION (CITY/HWY)<sup>2</sup>

20/26

## DRIVETRAIN

|                        |  |
|------------------------|--|
| TYPE                   | i-ACTIV AWD®   |
| AUTOMATIC TRANSMISSION | SKYACTIV®-Drive <sup>1</sup> 6-speed automatic transmission with manual-shift and Sport Mode |
| GEAR RATIOS (:1)       | 6AT  |
| 1ST                    | 3.487  |
| 2ND                    | 1.992  |
| 3RD                    | 1.449  |
| 4TH                    | 1.000  |
| 5TH                    | 0.707  |
| 6TH                    | 0.600  |
| REVERSE                | 3.990  |
| FINAL DRIVE            | 4.411  |

## CHASSIS

|  |  |
|--|--|
| BRAKES                                     | 4-wheel disc, diagonal hydraulic   |
| - FRONT                                    | 12.6-inch vented disc  |
| - REAR                                     | 12.8-inch solid disc   |
| - ABS                                      | 4-wheel, 4-channel with Electronic Brake force Distribution (EBD) and Brake Assist |
| PARKING BRAKE                              | Electronic   |
| STEERING TYPE                              | Power rack-and-pinion with variable assist   |
| POWER ASSIST                               | Electronic Power Assist Steering (EPAS)  |
| OVERALL STEERING RATIO                     | 17.6:1   |
| STEERING WHEEL TURNS, LOCK-TO-LOCK         | 3.1  |
| TURNING CIRCLE DIAMETER, CURB-TO-CURB (FT) | 38.8   |
| SUSPENSION                                 | 4-wheel independent  |
| - FRONT                                    | MacPherson strut with stabilizer bar   |
| - REAR                                     | Multilink with stabilizer bar  |
| WHEEL SIZE (IN)                            | 20 x 8.5 aluminum alloy  |
| TIRE SIZE                                  | P255/50 R20 all-season tires   |
| TEMPORARY SPARE TIRE                       | T155/90 D17  |

## WEIGHTS & CAPACITIES

|                       |                    |
|-----------------------|--------------------|
| CURB WEIGHT (LBS)     | 4,383              |
| TOWING CAPACITY (LBS) | 3,500 <sup>3</sup> |

FUEL CAPACITY (GALLONS)

19.5

## EXTERIOR

### EXTERIOR DIMENSIONS



|   |             |
|---|-------------|
| WHEELBASE (IN)  | 115.3       |
| TRACK, FRONT (IN)                                     | 65.3        |
| TRACK, REAR (IN)                                      | 65.2        |
| LENGTH (IN), WITHOUT FRONT LICENSE PLATE HOLDER       | 199.4       |
| WIDTH (IN), WITH/WITHOUT WHEEL ARCH MOLDINGS          | 77.5 / 77.2 |
| HEIGHT (IN), UP TO ROOF WITH/WITHOUT SHARKFIN ANTENNA | 69.0 / 67.6 |
| GROUND CLEARANCE (UNLADEN) (IN)                       | 8.8         |

### EXTERIOR FEATURES

LED Headlights with auto on/off and auto height control

LED Daytime Running Lights

LED Combination taillights

LED Grille accent lighting

LED Fog lights

High beam control

Adaptive Front Lighting System

Rain-sensing variable-intermittent windshield wipers

Windshield Wiper De-icer

Intermittent rear wiper/washer

Chrome front, side and rear lower body molding

Body-colored power side mirrors with integrated LED turn signal lamps

Automatic power folding side mirrors

Heated side mirrors

Rear privacy glass

Aluminum roof rails in satin chrome finish

Dual exhaust outlets

Body-color rear roof spoiler

Signature badge

## INTERIOR

### INTERIOR DIMENSIONS & CAPACITIES

|  |                    |
|--|--------------------|
| HEADROOM (IN), FRONT/2ND-ROW/3RD-ROW   | 39.3 / 38.5 / 35.4 |
| SHOULDER ROOM (IN), FRONT/2ND-ROW/3RD-ROW  | 57.9 / 58.1 / 53.1 |
| HIP ROOM (IN), FRONT/2ND-ROW/3RD-ROW   | 56.7 / 57.4 / 40.1 |
| LEGGROOM (IN), FRONT/2ND-ROW/3RD-ROW   | 41.0 / 39.4 / 29.7 |
| EPA PASSENGER VOLUME (CU FT)   | 135.1              |
| EPA CARGO VOLUME (CU FT), REAR SEATS UP/<br>3RD-ROW FOLDED/2ND AND 3RD-ROWS FOLDED | 14.4 / 38.2 / 71.2 |

### COMFORT & CONVENIENCE

Three-zone automatic climate control with pollen filter

Power sliding-glass moonroof with one-touch-open feature and interior sunshade

Power windows with one-touch down/up feature

Power door locks with speed sensing auto locking

Front and rear door courtesy lamps

Frameless auto dimming rearview mirror with HomeLink®<sup>4</sup>

Mazda Radar Cruise Control with Stop & Go<sup>5</sup>

Mazda Advanced Keyless Entry and Start System

Push Button Start

Dual illuminated visor vanity mirrors with extension

LED accent lighting for shifter area, door pockets, door pulls and window/door lock switches

Aluminum interior trim

Genuine Santos Rosewood inlays - shifter surround and door switchgear

Tilt & telescopic steering column

Power Rear Liftgate with programmable height adjustment<sup>6</sup>

12-volt power outlets (1 front/1 cargo area)

Remote fuel-door release

2nd-row retractable window sunshades

Rear window defogger with timer

## **STORAGE**

Glove compartment

Overhead console with sunglass holder

Front center console armrest with storage and 2 USB inputs

2nd-row center armrest with integrated cup holders, storage and 2 USB inputs

Front and rear door bottle holders with storage pockets/bins

Driver and Front passenger seatback pockets

Cargo area with storage boxes and under floor storage

## **SEATING & TRIM**

7-passenger seating capacity

Power driver's seat with power lumbar support and 2-position memory

Power front passenger seat

60/40 split fold-down and reclining 2nd-row seats with tilt and slide 3rd-row access

50/50 split fold-down 3rd-row seats

Ventilated front seats (3 levels)

Heated front seats (3 levels)

Heated 2nd-row seats

Napa leather-trimmed seats (1st and 2nd-row outboard seating positions)

Leather-wrapped steering wheel with unique stitching

Heated steering wheel

Leather-wrapped shift knob

Carpet floor mats

## **AUDIO & INFOTAINMENT**

8" full-color touch screen display

Bose® Centerpoint2® Surround Sound audio system with AudioPilot and 12 speakers

Bluetooth® hands-free phone and audio streaming capability<sup>7</sup>

HD Radio™

Mazda Navigation System

MAZDA CONNECT™ Infotainment System<sup>8</sup>

- Multifunction Commander control
- Infotainment system voice command
- Radio Broadcast Data System program information
  - Aha™ internet radio integration
  - Pandora® internet radio integration
  - Stitcher™ internet radio integration
- SMS text message audio delivery and reply
- E911 automatic emergency notification

Apple CarPlay™ integration<sup>9</sup>

Android Auto™ integration<sup>10</sup>

SiriusXM® Satellite Radio with 3-month trial subscription<sup>11</sup>

SiriusXM® 3-year Traffic and Travel Link® subscription<sup>11</sup> includes current information for:

- Traffic
- Weather
- Sports scores
- Fuel prices
- Nearby parking or parking by destination

Auxiliary-audio input jack

USB Input, 2 front and 2 rear

Steering-wheel-mounted audio, phone and cruise controls

## **INSTRUMENTATION**

Speedometer, tachometer and fuel gauge, black with white lettering

Active Driving Display with Traffic Sign Recognition<sup>13</sup>

Ambient temperature & clock display

7" LCD Multi-Information Display

## **SAFETY & SECURITY**

Advanced front air bags<sup>14</sup> with seat belt-use, passenger-weight sensors

Front side-impact air bags<sup>14</sup> and side-impact air curtains<sup>14</sup> with rollover protection

3-point seat belts for all seating positions

Front seat-belt pretensioners with force limiters

Anti-lock Brake System with Electronic Brake force Distribution & Brake Assist

Dynamic Stability Control<sup>15</sup> with Traction Control System and Trailer Stability Assist

Rearview camera<sup>16</sup>

360° View Monitor<sup>17</sup>

Roll Stability Control<sup>18</sup>

Hill Launch Assist<sup>19</sup>

Blind Spot Monitoring<sup>20</sup> with Rear Cross Traffic Alert<sup>20</sup>

Lane-keep Assist<sup>21</sup>

Lane Departure Warning<sup>22</sup>

Front and rear parking sensors<sup>23</sup>

Advanced Smart City Brake Support with pedestrian detection<sup>24</sup>

Smart Brake Support<sup>25</sup>

Side-impact door beams

Engine-immobilizer antitheft system



Tire-Pressure Monitoring System (TPMS)

LATCH 2nd-row seat child-safety-seat anchors & upper tether anchors

## OPTIONS

**Snowflake White Pearl Mica Paint (Extra Cost Option)**

**Machine Gray Metallic paint (Extra Cost Option)**

## WARRANTY

Every new Mazda comes with a comprehensive limited warranty that provides coverage in the unlikely event a repair is needed in the first years after your vehicle's purchase. We'll be right there with you all the time, wherever you go by providing warranty coverage and roadside assistance so that the total enjoyment of driving a Mazda never stops.

2019 Mazda Vehicles:

Mazda Limited Warranty Coverage:

3-year/36,000-mile\* "Bumper-to-Bumper" Limited Warranty

5-year/60,000-mile\* Limited Powertrain Warranty

3-year/36,000-mile\* 24/7 Roadside Assistance Program

\* Whichever comes first. See dealer for details.

### BUMPER-TO-BUMPER LIMITED WARRANTY

Mazda warrants that new Mazda cars and trucks will be free of defects with normal use and prescribed maintenance for 36 months or 36,000 miles, whichever comes first. Ordinary maintenance items or adjustments, parts subject to normal wear and replacement and certain other items are excluded. This transferable "limited warranty" is included on all new Mazda vehicles sold and serviced in the United States.

### POWERTRAIN LIMITED WARRANTY

Mazda warrants that the Powertrain Components of new Mazda cars and trucks will be free of defects with normal use and prescribed maintenance for 60 months or 60,000 miles, whichever comes first. Ordinary maintenance items or adjustments, parts subject to normal wear and replacement and certain other items are excluded. This "limited warranty" is transferable during the warranty period on all new Mazda vehicles sold and serviced in the United States.

### 24/7 ROADSIDE ASSISTANCE

If Mazda vehicle is not drivable due to a warranted part failure during the coverage period of the New Vehicle Limited Warranty (36 months/36,000 miles), towing service will be covered to the nearest Mazda Dealer. In addition, if a Mazda vehicle is not drivable due to the failure of a warranted powertrain component, then towing service will be covered during the coverage period of the Powertrain Limited Warranty (60 months/60,000 miles).

Call 1-800-866-1998



Or [download](#) the free Mazda Assist mobile app to your iPhone®\*.

\* iPhone is a registered trademark of Apple Computer, Inc.

### DISCLAIMERS

1 SKYACTIV is a registered trademark of Mazda Motor Corporation.

2 EPA-estimated mileage. Actual results will vary, depending on driving conditions.

3 Up to 3,500 lbs. of towing capacity. Towing capacities shown are maximums and must be reduced by the weight of any passenger, cargo hitch or optional equipment in the towing vehicle. Please refer to vehicle Owner's Manual for details regarding towing capacities and other valuable information. Towing a trailer may have an effect on vehicle's handling, braking, durability, performance and driving economy. For specific information on recommended or required equipment, see your Mazda Dealer. Hitches are available through manufacturers other than Mazda.

4 HomeLink is a registered trademark of Gentex Corporation.

5 Mazda Radar Cruise Control with Stop & Go (MRCC with Stop & Go) is not a substitute for safe and attentive driving. There are limitations to the range and detection of the system. Driver action is required to resume MRCC with Stop & Go after stop. Please see your owner's manual for further details.

6 Always check the area around the Power Rear Liftgate before opening and closing it. Please see your Owner's Manual for further details.

7 Bluetooth is a registered trademark of Bluetooth SIG, Inc.

8 Don't drive while distracted. Even with voice commands, only use MAZDA CONNECT™/ other devices when safe. Some features may be locked out while the vehicle is in gear. Not all features are compatible with all phones. Message and data rates may apply.

9 Available in Fall 2018 on select 2019 Mazda CX-9 models. Requires compatible iPhone and standard text and data rates apply. Apple is solely responsible for CarPlay functionality and its terms and privacy statements apply. Don't drive while distracted or while using a hand-held device. Apple CarPlay and iPhone are trademarks of Apple Inc.

10 Available in Fall 2018 on select 2018 Mazda6 models. Requires compatible Android phone and standard text and data rates apply. Google is solely responsible for Android Auto functionality and its terms and privacy statements apply. Don't drive while distracted or while using a hand-held device. Android Auto and Android are trademarks of Google Inc.

11 SiriusXM audio and data services each require a subscription sold separately, or as a package, by Sirius XM Radio Inc. If you decide to continue service after your trial, the subscription plan you choose will automatically renew thereafter and you will be charged according to your chosen payment method at then-current rates. Fees and taxes apply. To cancel you must call SiriusXM at 1-866-635-2349. See SiriusXM Customer Agreement for complete terms at [www.siriusxm.com](http://www.siriusxm.com). All fees and programming subject to change. Current information and features may not be available in all locations. Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc.

13 Traffic Sign Recognition System is not a substitute for safe and attentive driving. Factors including weather and condition of the traffic sign can impact recognition and display of the sign. Always check traffic signs visually while driving. Please see your Owner's Manual for further details.

14 Always wear your seat belt and secure children in the rear seats in appropriate child restraints. Please see your Owner's Manual for details.

15 Dynamic Stability Control is an electronic system to help the driver maintain control under adverse conditions. It is not a substitute for safe driving practices. Factors including speed, road conditions and driver steering input can all affect whether DSC will be effective in preventing loss of control. Please see the Owner's Manual for further details.

16 Rearview camera does not provide a comprehensive view of the entire rear area of this vehicle. Always check your surroundings.

17 360 view camera is not a substitute for safe and attentive driving. Always check your mirrors. Be aware of the traffic around you. There are limitations to the range and detection of the system. Please see your Owner's Manual for further details.

18 Roll Stability Control (RSC) is an electronic system to help the driver maintain control under adverse conditions. It is not a substitute for safe driving practices. Factors including speed, road conditions and driver steering input can all affect whether RSC will be effective in preventing loss of control. Please see the Owner's Manual for further details.

19 Hill Launch Assist is an auxiliary device which assists the driver in accelerating from a stop while on a slope. It is not a substitute for safe and attentive driving. There are limitations to the system. Please see your Owner's Manual for details.

20 Always check your mirrors. Be aware of the traffic around you. There are limitations to the range and detection of the system. Please see your Owner's Manual for further details.

21 Lane Keep Assist is not a substitute for safe and attentive driving. There are limitations to the range and detection of the system. Please see your owner's manual for further details.

22 Lane Departure Warning system is not a substitute for safe and attentive driving. There are limitations to the range and detection of the system. Please see your owner's manual for further details.

23 Always check your mirrors. Be aware of the traffic around you. There are limitations to the range and detection of the system. Please see your Owner's Manual for further details.

24 Advanced Smart City Brake Support operates under certain conditions between about 2 and 50 mph. Pedestrian detection operates at speeds above approximately 6 mph. Not a substitute for safe and attentive driving. Factors including movement and shape of the object in front of the vehicle, weather and road conditions can all impact automatic brake control and collision warning. Please see your Owner's Manual for further details.

25 Smart Brake Support operates under certain conditions above 10 mph. It is not a substitute for safe and attentive driving. Factors including movement and shape of the object in front of the vehicle, weather and road conditions can all impact automatic brake control and collision warning.

26 Smart City Brake Support operates under certain low-speed conditions between 2 and 18 MPH. It is not a substitute for safe and attentive driving. Factors including movement and shape of the object in front of the vehicle, weather and road conditions can all impact automatic stopping.