

2020 CX-5 SPECIFICATIONS



mazda

2020 CX-5 SPORT



ENGINE & MECHANICAL

ENGINE TYPE	SKYACTIV®-G ¹ 2.5L DOHC 16-valve 4-cylinder with Cylinder Deactivation
HORSEPOWER	187 hp @ 6,000 rpm
TORQUE	186 lb-ft @ 4,000 rpm
REDLINE	6,500 rpm
DISPLACEMENT (CC)	2488
BORE X STROKE (MM)	89 x 100
COMPRESSION RATIO	13.0:1
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 platinum-tipped spark plugs
ENGINE BLOCK	Aluminum alloy
CYLINDER HEAD	Aluminum alloy
EMISSION CONTROL TYPE (FED/CAL)	T3B30/SULEV30
SKYACTIV-VEHICLE DYNAMICS WITH G-VECTURING CONTROL PLUS	

EPA-ESTIMATED FUEL ECONOMY	
FWD, AUTOMATIC TRANSMISSION (CITY/HWY) ²	25 / 31
AWD, AUTOMATIC TRANSMISSION (CITY/HWY) ²	24 / 30
DRIVETRAIN	
TYPE	Front-wheel drive (FWD) or i-ACTIV AWD®
AUTOMATIC TRANSMISSION	SKYACTIV® -Drive ¹ 6-speed automatic transmission with manual-shift and Sport Mode
GEAR RATIOS (:1)	Automatic transmission
1ST	3.552
2ND	2.022
3RD	1.452
4TH	1.000
5TH	0.708
6TH	0.599
REVERSE	3.893
FINAL DRIVE	4.325 (FWD), 4.624 (AWD)
CHASSIS	
BRAKES	4-wheel disc, diagonal hydraulic
- FRONT	11.7-inch vented disc
- REAR	11.9-inch solid disc
- ABS	4-wheel, 4-channel with Electronic Brake Force Distribution (EBD) and Brake Assist
STEERING TYPE	Power rack-and-pinion with variable assist
POWER ASSIST	Electronic Power Assist Steering (EPAS)
OVERALL STEERING RATIO	15.5:1
STEERING WHEEL TURNS, LOCK-TO-LOCK	2.7
TURNING CIRCLE DIAMETER, CURB-TO-CURB (FT)	36.0
SUSPENSION	4-wheel independent
- FRONT	MacPherson strut with stabilizer bar
- REAR	Multilink with stabilizer bar
WHEEL SIZE (IN)	17 x 7 aluminum-alloy with Gray Metallic finish
TIRE SIZE	P225/65 R17 all-season tires
TEMPORARY SPARE TIRE	T145/90D16

WEIGHTS & CAPACITIES

CURB WEIGHT (LBS)	3,541 (FWD) / 3,679 (AWD)
TOWING CAPACITY (LBS)	2,000 ³
FUEL CAPACITY (GALLONS)	14.8 (FWD) / 15.3 (AWD)

EXTERIOR

EXTERIOR DIMENSIONS



WHEELBASE (IN)	106.2
TRACK, FRONT (IN)	62.8
TRACK, REAR (IN)	62.8
LENGTH (IN)	179.1
WIDTH (IN) WITHOUT OUTER MIRROR	72.5
WIDTH (IN) MIRROR TO MIRROR OPENED	83.3
HEIGHT (IN) UP TO ROOF, WITHOUT ROOF RAILS, FWD/AWD	65.4 / 65.3
HEIGHT (IN) UP TO ROOF, WITHOUT ROOF RAILS, UP TO SHARKFIN ANTENNA FWD/AWD	66.2 / 66.1
MINIMUM GROUND CLEARANCE - UNLADEN (IN)	7.5

EXTERIOR FEATURES

LED Headlights

Daytime Running Lights

Auto on/off headlights
High Beam Control
Automatic rain-sensing variable-intermittent windshield wipers
Intermittent rear wiper/washer
Body-colored power side mirrors with LED turn signal indicators
Roof-mounted “shark fin” antenna
Body-colored rear roof spoiler
Dual exhaust outlets with bright finish

INTERIOR

INTERIOR DIMENSIONS & CAPACITIES	
HEADROOM, FRONT/REAR (IN)	39.7 / 39.0
SHOULDER ROOM, FRONT/REAR (IN)	57.1 / 54.8
HIP ROOM, FRONT/REAR (IN)	55.2 / 55.3
LEGROOM, FRONT/REAR (IN)	41.0 / 39.6
EPA CARGO VOLUME, REAR SEATBACK UP/FOLDED (CU FT)	30.9 / 59.6

COMFORT & CONVENIENCE

Air conditioning with pollen filter
Power windows with one-touch down/up feature
Speed sensitive power door locks with 2-stage unlocking
Cruise control with steering wheel-mounted controls
Remote keyless entry system
Push Button Start
Electronic parking brake
Manual day/night rearview mirror
Dual covered visor vanity mirrors
Tilt & telescopic steering column
12-volt power outlets
Map lights, Dome light and Cargo area light
Remote fuel-door release
Rear window defogger with timer

STORAGE
Glove compartment
Overhead console with sunglasses holder
Center console armrest with tray and covered storage bin

Front and rear door bottle holders/storage

Driver and front passenger seatback pockets

SEATING & TRIM

5-passenger seating capacity

6-way manual adjustable driver's seat

4-way manual adjustable front passenger seat

40/20/40 split one-touch fold-down and reclining rear seatback

Adjustable front and rear headrests

Cloth-trimmed seats

Leather-wrapped steering wheel

Leather-wrapped gear selector

Carpet floor mats

AUDIO & INFOTAINMENT

7" full-color touch screen display

AM/FM 4-speaker audio system with automatic level control

Bluetooth® hands-free phone and audio capability⁶

HD Radio™

Rearview Camera⁷

MAZDA CONNECT™ Infotainment System⁸

- Infotainment system voice command
- Multifunction Commander Control
- 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 Inputs, 2 front

Steering wheel-mounted audio, phone and cruise controls

INSTRUMENTATION

Speedometer, tachometer and fuel gauge, black background with white lettering and silver surround

Ambient temperature & clock display

Multi-Information Display (MID) with Trip computer

SAFETY & SECURITY

Dual front air bags¹³ with seat belt-use, passenger-weight sensors

Front side-impact air bags¹³ and side-impact air curtains¹³ 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 Control¹⁴ and Traction Control System

Hill Launch Assist¹⁶

Blind Spot Monitoring¹⁷ with Rear Cross Traffic Alert¹⁷

Advanced Smart City Brake Support with Pedestrian Detection²³

Mazda Radar Cruise Control with Stop & Go¹⁸

Smart Brake Support with Collision Warning²⁰

Lane Departure Warning²¹ with Lane-keep Assist²¹

Ring Structure unibody construction

Side-impact door beams

Engine-immobilizer antitheft system

Tire Pressure Monitoring System (TPMS)

LATCH rear seat child safety seat anchors & upper tether anchors

Child safety rear door locks

OPTIONS

Snowflake White Pearl Paint (Extra Cost Option)

Soul Red Crystal Metallic Paint (Extra Cost Option)

2020 CX-5 TOURING



ENGINE & MECHANICAL

ENGINE TYPE	SKYACTIV®-G ⁱ 2.5L DOHC 16-valve 4-cylinder with Cylinder Deactivation
HORSEPOWER	187 hp @ 6,000 rpm
TORQUE	186 lb-ft @ 4,000 rpm
REDLINE	6,500 rpm
DISPLACEMENT (CC)	2488
BORE X STROKE (MM)	89 x 100
COMPRESSION RATIO	13.0:1
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 platinum-tipped spark plugs
ENGINE BLOCK	Aluminum alloy
CYLINDER HEAD	Aluminum alloy
EMISSION CONTROL TYPE (FED/CAL)	T3B30/SULEV30
SKYACTIV-VEHICLE DYNAMICS WITH G-VECTURING CONTROL PLUS	

EPA-ESTIMATED FUEL ECONOMY	
FWD, AUTOMATIC TRANSMISSION (CITY/HWY) ²	25 / 31
AWD, AUTOMATIC TRANSMISSION (CITY/HWY) ²	24 / 30
DRIVETRAIN	
TYPE	Front-wheel drive (FWD) or i-ACTIV AWD®
AUTOMATIC TRANSMISSION	SKYACTIV® -Drive ¹ 6-speed automatic transmission with manual-shift and Sport Mode
GEAR RATIOS (:1)	Automatic transmission
1ST	3.552
2ND	2.022
3RD	1.452
4TH	1.000
5TH	0.708
6TH	0.599
REVERSE	3.893
FINAL DRIVE	4.325 (FWD), 4.624 (AWD)
CHASSIS	
BRAKES	4-wheel disc, diagonal hydraulic
- FRONT	11.7-inch vented disc
- REAR	11.9-inch solid disc
- ABS	4-wheel, 4-channel with Electronic Brake Force Distribution (EBD) and Brake Assist
STEERING TYPE	Power rack-and-pinion with variable assist
POWER ASSIST	Electronic Power Assist Steering (EPAS)
OVERALL STEERING RATIO	15.5:1
STEERING WHEEL TURNS, LOCK-TO-LOCK	2.7
TURNING CIRCLE DIAMETER, CURB-TO-CURB (FT)	36
SUSPENSION	4-wheel independent
- FRONT	MacPherson strut with stabilizer bar
- REAR	Multilink with stabilizer bar
WHEEL SIZE (IN)	17 x 7 aluminum-alloy with Gray Metallic finish
TIRE SIZE	P225/65 R17 all-season tires
TEMPORARY SPARE TIRE	T145/90D16

WEIGHTS & CAPACITIES

CURB WEIGHT (LBS)	3,541 (FWD) / 3,679 (AWD)
TOWING CAPACITY (LBS)	2,000 ³
FUEL CAPACITY (GALLONS)	14.8 (FWD) / 15.3 (AWD)

EXTERIOR

EXTERIOR DIMENSIONS



WHEELBASE (IN)	106.2
TRACK, FRONT (IN)	62.8
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LENGTH (IN)	179.1
WIDTH (IN) WITHOUT OUTER MIRROR	72.5
WIDTH (IN) MIRROR TO MIRROR OPENED	83.3
HEIGHT (IN) UP TO ROOF, WITHOUT ROOF RAILS, FWD/AWD	65.4 / 65.3
HEIGHT (IN) UP TO ROOF, WITHOUT ROOF RAILS, UP TO SHARKFIN ANTENNA FWD/AWD	66.2 / 66.1
MINIMUM GROUND CLEARANCE - UNLADEN (IN)	7.5

EXTERIOR FEATURES

LED Headlights with Auto-leveling

Daytime Running Lights

Auto on/off headlights
High Beam Control
Automatic rain-sensing variable-intermittent windshield wipers
Intermittent rear wiper/washer
Body-colored power side mirrors with LED turn signal indicators
Rear privacy glass
Roof-mounted “shark fin” antenna
Body-colored rear roof spoiler
Dual exhaust outlets with bright finish

INTERIOR

INTERIOR DIMENSIONS & CAPACITIES	
HEADROOM, FRONT/REAR WITHOUT MOONROOF (IN)	39.7 / 39.0
HEADROOM, FRONT/REAR WITH MOONROOF (IN)	39.3 / 39.0
SHOULDER ROOM, FRONT/REAR (IN)	57.1 / 54.8
HIP ROOM, FRONT/REAR (IN)	55.2 / 55.3
LEGROOM, FRONT/REAR (IN)	41.0 / 39.6
EPA CARGO VOLUME, REAR SEATBACK UP/FOLDED (CU FT)	30.9 / 59.6

COMFORT & CONVENIENCE

Dual-zone automatic climate control with pollen filter
Rear air conditioning vents
Power windows with one-touch down/up feature
Speed sensitive power door locks with 2-stage unlocking
Cruise control with steering wheel-mounted controls
Mazda Advanced Keyless Entry and Start System
Push Button Start
Electronic parking brake
Manual day/night rearview mirror
Dual covered illuminated visor vanity mirrors
Tilt & telescopic steering column
12-volt power outlets
Map lights, Dome light and Cargo area light
Remote fuel-door release
Rear window defogger with timer

STORAGE

Glove compartment

Overhead console with sunglasses holder

Center console armrest with tray and covered storage bin

Rear seat center armrest with integrated cup holders

Front and rear door bottle holders/storage

Driver and Front passenger seatback pockets

SEATING & TRIM

5-passenger seating capacity

6-way power driver's seat with manual lumbar support

6-way manual front passenger seat with seat height adjuster

40/20/40 split one-touch fold-down and reclining rear seatback

Adjustable front and rear headrests

Heated front seats (3 levels)

Leatherette seats with Lux Suede® inserts

Leather-wrapped steering wheel

Leather-wrapped gear selector

Carpet floor mats

AUDIO & INFOTAINMENT

7" full-color touch screen display

AM/FM 6-speaker audio system with automatic level control

Bluetooth® hands-free phone and audio capability⁶

HD Radio™

Rearview Camera⁷

MAZDA CONNECT™ Infotainment System⁸

- Infotainment system voice command
- Multifunction Commander Control
- 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™ integration⁹

Android Auto™ integration¹⁰

Auxiliary audio input jack

USB Inputs, 2 front and 2 rear

Steering wheel-mounted audio, phone and cruise controls

INSTRUMENTATION

Speedometer, tachometer and fuel gauge, black background with white lettering and silver surround

Ambient temperature & clock display

Multi-Information Display (MID) with Trip computer

SAFETY & SECURITY

Dual front air bags¹³ with seat belt-use, passenger-weight sensors

Front side-impact air bags¹³ and side-impact air curtains¹³ 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 Control¹⁴ and Traction Control System

Hill Launch Assist¹⁶

Blind Spot Monitoring¹⁷ with Rear Cross Traffic Alert¹⁷

Mazda Radar Cruise Control with Stop & Go¹⁸

Advanced Smart City Brake Support with Pedestrian Detection¹⁹

Smart Brake Support²⁰

Lane Departure Warning²¹ with Lane-keep Assist²¹

Ring Structure unibody construction

Side-impact door beams

Engine-immobilizer antitheft system

Tire Pressure Monitoring System (TPMS)

LATCH rear seat child safety seat anchors & upper tether anchors

Child safety rear door locks

PACKAGES

Touring Preferred Equipment Package

- Auto-dimming rearview mirror with HomeLink^{®5}

- Bose[®] 10-speaker audio sound system with Centerpoint[®] 2 and AudioPilot[®] 2

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

- Rear Power Liftgate with programmable height adjustment⁴

OPTIONS

Snowflake White Pearl Paint (Extra Cost Option)

Soul Red Crystal Metallic Paint (Extra Cost Option)

Machine Gray Metallic Paint (Extra Cost Option)

2020 CX-5 GRAND TOURING



ENGINE & MECHANICAL

ENGINE TYPE	SKYACTIV®-G ⁱ 2.5L DOHC 16-valve 4-cylinder with Cylinder Deactivation
HORSEPOWER	187 hp @ 6,000 rpm
TORQUE	186 lb-ft @ 4,000 rpm
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DISPLACEMENT (CC)	2488
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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 platinum-tipped spark plugs
ENGINE BLOCK	Aluminum alloy
CYLINDER HEAD	Aluminum alloy
EMISSION CONTROL TYPE (FED/CAL)	T3B30/SULEV30
SKYACTIV-VEHICLE DYNAMICS WITH G-VECTURING CONTROL PLUS	

EPA-ESTIMATED FUEL ECONOMY	
FWD, AUTOMATIC TRANSMISSION (CITY/HWY) ²	25 / 31
AWD, AUTOMATIC TRANSMISSION (CITY/HWY) ²	24 / 30
DRIVETRAIN	
TYPE	Front-wheel drive (FWD) or i-ACTIV AWD®
AUTOMATIC TRANSMISSION	SKYACTIV® -Drive ¹ 6-speed automatic transmission with manual-shift and Sport Mode
GEAR RATIOS (:1)	Automatic transmission
1ST	3.552
2ND	2.022
3RD	1.452
4TH	1.000
5TH	0.708
6TH	0.599
REVERSE	3.893
FINAL DRIVE	4.325 (FWD), 4.624 (AWD)
CHASSIS	
BRAKES	4-wheel disc, diagonal hydraulic
- FRONT	11.7-inch vented disc
- REAR	11.9-inch solid disc
- ABS	4-wheel, 4-channel with Electronic Brake Force Distribution (EBD) and Brake Assist
STEERING TYPE	Power rack-and-pinion with variable assist
POWER ASSIST	Electronic Power Assist Steering (EPAS)
OVERALL STEERING RATIO	15.5:1
STEERING WHEEL TURNS, LOCK-TO-LOCK	2.7
TURNING CIRCLE DIAMETER, CURB-TO-CURB (FT)	36.0
SUSPENSION	4-wheel independent
- FRONT	MacPherson strut with stabilizer bar
- REAR	Multilink with stabilizer bar
WHEEL SIZE (IN)	19 x 7 aluminum-alloy with Brilliant Silver finish
TIRE SIZE	P225/55 R19 all-season tires
TEMPORARY SPARE TIRE	T145/90D16

WEIGHTS & CAPACITIES

CURB WEIGHT (LBS)	3,541 (FWD) / 3,679 (AWD)
TOWING CAPACITY (LBS)	2,000 ³
FUEL CAPACITY (GALLONS)	14.8 (FWD) / 15.3 (AWD)

EXTERIOR

EXTERIOR DIMENSIONS



WHEELBASE (IN)	106.2
TRACK, FRONT (IN)	62.8
TRACK, REAR (IN)	62.8
LENGTH (IN)	179.1
WIDTH (IN) WITHOUT OUTER MIRROR	72.5
WIDTH (IN) MIRROR TO MIRROR OPENED	83.3
HEIGHT (IN) UP TO ROOF, WITHOUT ROOF RAILS, FWD/AWD	65.4 / 65.3
HEIGHT (IN) UP TO ROOF, WITHOUT ROOF RAILS, UP TO SHARKFIN ANTENNA FWD/AWD	66.2 / 66.1
MINIMUM GROUND CLEARANCE - UNLADEN (IN)	7.5

EXTERIOR FEATURES

LED Headlights with Auto-leveling

LED Daytime Running Lights

LED fog lights
LED Combination taillights
Adaptive Front-lighting System
High Beam Control
Auto on/off headlights
Rear Power Liftgate with programmable height adjustment ⁴
Automatic rain-sensing variable-intermittent windshield wipers
Intermittent rear wiper/washer
Body-colored heated power side mirrors with LED turn signal indicators
Rear privacy glass
Roof-mounted “shark fin” antenna
Body-colored rear roof spoiler
Dual exhaust outlets with bright finish

INTERIOR

INTERIOR DIMENSIONS & CAPACITIES	
HEADROOM, FRONT/REAR WITH MOONROOF (IN)	39.3 / 39.0
SHOULDER ROOM, FRONT/REAR (IN)	57.1 / 54.8
HIP ROOM, FRONT/REAR (IN)	55.2 / 55.3
LEGROOM, FRONT/REAR (IN)	41.0 / 39.6
EPA CARGO VOLUME, REAR SEATBACK UP/FOLDED (CU FT)	30.9 / 59.6

COMFORT & CONVENIENCE
Dual-zone automatic climate control with pollen filter
Rear air conditioning vents
Power sliding-glass moonroof with one-touch-open feature and interior sunshade
Power windows with one-touch down/up feature
Speed sensitive power door locks with 2-stage unlocking
Mazda Advanced Keyless Entry and Start System
Auto-dimming rearview mirror with HomeLink ^{®5}
Push Button Start
Paddle Shifters
Electronic parking brake
Dual covered illuminated visor vanity mirrors
Tilt & telescopic steering column

12-volt power outlets

Map lights, Dome light and Cargo area light

Remote fuel-door release

Rear window defogger with timer

STORAGE

Glove compartment

Overhead console with sunglasses holder

Center console armrest with tray and covered storage bin

Rear seat center armrest with integrated cup holders

Front and rear door bottle holders/storage

Driver and Front passenger seatback pockets

SEATING & TRIM

5-passenger seating capacity

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

6-way power front passenger seat

40/20/40 split one-touch fold-down and reclining rear seatback

Adjustable front and rear headrests

Heated front seats (3 levels)

Leather-trimmed seats

Leather-wrapped steering wheel

Leather-wrapped gear selector

Carpet floor mats

AUDIO & INFOTAINMENT

7" full-color touch screen display

Bose® 10-speaker audio sound system with Centerpoint® 2 and AudioPilot® 2

Bluetooth® hands-free phone and audio capability⁶

HD Radio™

Rearview Camera⁷

MAZDA CONNECT™ Infotainment System⁸

- Infotainment system voice command
- Multifunction Commander Control
- 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™ integration⁹

Android Auto™ integration¹⁰

SiriusXM® Satellite Radio with 3-month trial subscription¹¹

Auxiliary audio input jack

USB Inputs, 2 front and 2 rear

Steering wheel-mounted audio, phone and cruise controls

INSTRUMENTATION

Speedometer, tachometer and fuel gauge, black background with white lettering and silver surround

Ambient temperature & clock display

SAFETY & SECURITY

Dual front air bags¹³ with seat belt-use, passenger-weight sensors

Front side-impact air bags¹³ and side-impact air curtains¹³ 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 Control¹⁴ and Traction Control System

Hill Launch Assist¹⁶

Blind Spot Monitoring¹⁷ with Rear Cross Traffic Alert¹⁷

Mazda Radar Cruise Control with Stop & Go¹⁸

Advanced Smart City Brake Support with Pedestrian Detection¹⁹

Smart Brake Support²⁰

Lane Departure Warning²¹ with Lane-keep Assist²¹

Ring Structure unibody construction

Side-impact door beams

Engine-immobilizer antitheft system

Tire Pressure Monitoring System (TPMS)

LATCH rear seat child safety seat anchors & upper tether anchors

Child safety rear door locks

PACKAGES

GT Premium Package

- Active Driving Display

- Automatic power folding side mirrors

- Ventilated front seats (3 levels)

- Heated rear seats (3 levels)

- Heated steering wheel

- Windshield wiper de-icer

OPTIONS

Snowflake White Pearl Paint (Extra Cost Option)

Soul Red Crystal Metallic Paint (Extra Cost Option)

Machine Gray Metallic Paint (Extra Cost Option)

2020 CX-5 GRAND TOURING RESERVE



ENGINE & MECHANICAL

ENGINE TYPE	SKYACTIV [®] -G 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 87 OCTANE REGULAR UNLEADED FUEL	310 lb-ft @ 2,000 rpm
TORQUE 93 OCTANE PREMIUM UNLEADED FUEL	320 lb-ft @ 2,500 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 platinum-tipped spark plugs
ENGINE BLOCK	Aluminum alloy
CYLINDER HEAD	Aluminum alloy

EMISSION CONTROL TYPE (FED/CAL)	T3B70/ULEV70
SKYACTIV-VEHICLE DYNAMICS WITH G-VECTURING CONTROL PLUS	
EPA-ESTIMATED FUEL ECONOMY	
AWD, AUTOMATIC TRANSMISSION (CITY/HWY) ²	22 / 27
DRIVETRAIN	
TYPE	i-ACTIV AWD® with Off-road Traction Assist
AUTOMATIC TRANSMISSION	SKYACTIV®-Drive* 6-speed automatic transmission with manual-shift and Sport Mode
GEAR RATIOS (:1)	Automatic transmission
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	11.9-inch solid disc
- ABS	4-wheel, 4-channel with Electronic Brake Force Distribution (EBD) and Brake Assist
STEERING TYPE	Power rack-and-pinion with variable assist
POWER ASSIST	Electronic Power Assist Steering (EPAS)
OVERALL STEERING RATIO	15.5:1
STEERING WHEEL TURNS, LOCK-TO-LOCK	2.7
TURNING CIRCLE DIAMETER, CURB-TO-CURB (FT)	36.0
SUSPENSION	4-wheel independent
- FRONT	MacPherson strut with stabilizer bar
- REAR	Multilink with stabilizer bar
WHEEL SIZE (IN)	19 x 7 aluminum-alloy with Brilliant Silver finish
TIRE SIZE	P225/55 R19 all-season tires
TEMPORARY SPARE TIRE	T145/90D16

WEIGHTS & CAPACITIES

CURB WEIGHT (LBS)	3,825
TOWING CAPACITY (LBS)	2,000*
FUEL CAPACITY (GALLONS)	15.3

EXTERIOR

EXTERIOR DIMENSIONS



WHEELBASE (IN)	106.2
TRACK, FRONT (IN)	62.8
TRACK, REAR (IN)	62.8
LENGTH (IN)	179.1
WIDTH (IN) WITHOUT OUTER MIRROR	72.5
WIDTH (IN) MIRROR TO MIRROR OPENED	83.3
HEIGHT (IN) UP TO ROOF, WITHOUT ROOF RAILS	65.3
HEIGHT (IN) UP TO ROOF, WITHOUT ROOF RAILS, UP TO SHARKFIN ANTENNA	66.1
MINIMUM GROUND CLEARANCE - UNLADEN (IN)	7.5

EXTERIOR FEATURES

LED Headlights with Auto-leveling

LED Daytime Running Lights

LED fog lights
LED Combination taillights
Adaptive Front-lighting System
High Beam Control
Auto on/off headlights
Rear Power Liftgate with programmable height adjustment ⁴
Automatic rain-sensing variable-intermittent windshield wipers
Windshield wiper de-icer
Intermittent rear wiper/washer
Body-colored heated power side mirrors with LED turn signal indicators
Automatic power folding side mirrors
Rear privacy glass
Roof-mounted “shark fin” antenna
Body-colored rear roof spoiler
Dual exhaust outlets with bright finish

INTERIOR

INTERIOR DIMENSIONS & CAPACITIES

HEADROOM, FRONT/REAR WITH MOONROOF (IN)	39.3 / 39.0
SHOULDER ROOM, FRONT/REAR (IN)	57.1 / 54.8
HIP ROOM, FRONT/REAR (IN)	55.2 / 55.3
LEGROOM, FRONT/REAR (IN)	41.0 / 39.6
EPA CARGO VOLUME, REAR SEATBACK UP/FOLDED (CU FT)	30.9 / 59.6

COMFORT & CONVENIENCE

Dual-zone automatic climate control with pollen filter
Rear air conditioning vents
Power sliding-glass moonroof with one-touch-open feature and interior sunshade
Power windows with driver’s one-touch down/up feature
Speed sensitive power door locks with 2-stage unlocking
Mazda Advanced Keyless Entry and Start System
Auto-dimming rearview mirror with HomeLink ^{®5}
Push Button Start
Paddle Shifters
Electronic parking brake

Dual covered illuminated visor vanity mirrors

Tilt & telescopic steering column

12-volt power outlets

Map lights, Dome light and Cargo area light

Remote fuel-door release

Rear window defogger with timer

STORAGE

Glove compartment

Overhead console with sunglasses holder

Center console armrest with tray and covered storage bin

Rear seat center armrest with integrated cup holders

Front and rear door bottle holders/storage

Driver and Front passenger seatback pockets

SEATING & TRIM

5-passenger seating capacity

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

6-way power front passenger seat

40/20/40 split one-touch fold-down and reclining rear seatback

Adjustable front and rear headrests

Ventilated front seats (3 levels)

Heated front seats (3 levels)

Heated rear seats (3 levels)

Leather-trimmed seats

Leather-wrapped steering wheel

Heated steering wheel

Leather-wrapped gear selector

Carpet floor mats

AUDIO & INFOTAINMENT

8" full-color touch screen display

Bose® 10-speaker audio sound system with Centerpoint® 2 and AudioPilot® 2

Bluetooth® hands-free phone and audio capability⁶

HD Radio™

Rearview Camera⁷

- MAZDA CONNECT™ Infotainment System⁸
 - Infotainment system voice command
 - Multifunction Commander Control
- 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™ integration⁹

Android Auto™ integration¹⁰

SiriusXM® Satellite Radio with 3-month trial subscription¹¹

Auxiliary audio input jack

USB Inputs, 2 front and 2 rear

Steering wheel-mounted audio, phone and cruise controls

INSTRUMENTATION

Speedometer, tachometer and fuel gauge, black background with white lettering and silver surround

Active Driving Display

Ambient temperature & clock display

7" LCD Meter Display

SAFETY & SECURITY

Dual front air bags¹³ with seat belt-use, passenger-weight sensors

Front side-impact air bags¹³ and side-impact air curtains¹³ 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 Control¹⁴ and Traction Control System

Hill Launch Assist¹⁶

Blind Spot Monitoring¹⁷ with Rear Cross Traffic Alert¹⁷

Mazda Radar Cruise Control with Stop & Go¹⁸

Advanced Smart City Brake Support with Pedestrian Detection¹⁹

Smart Brake Support²⁰

Lane Departure Warning²¹ with Lane-keep Assist²¹

Ring Structure unibody construction

Side-impact door beams

Engine-immobilizer antitheft system

Tire Pressure Monitoring System (TPMS)

LATCH rear seat child safety seat anchors & upper tether anchors

Child safety rear door locks

OPTIONS

Snowflake White Pearl Paint (Extra Cost Option)

Soul Red Crystal Metallic Paint (Extra Cost Option)

Machine Gray Metallic Paint (Extra Cost Option)

2020 CX-5 SIGNATURE



ENGINE & MECHANICAL

ENGINE TYPE	SKYACTIV®-G 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 87 OCTANE REGULAR UNLEADED FUEL	310 lb-ft @ 2,000 rpm
TORQUE 93 OCTANE PREMIUM UNLEADED FUEL	320 lb-ft @ 2,500 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 platinum-tipped spark plugs
ENGINE BLOCK	Aluminum alloy
CYLINDER HEAD	Aluminum alloy

EMISSION CONTROL TYPE (FED/CAL)	T3B70/ULEV70
SKYACTIV-VEHICLE DYNAMICS WITH G-VECTURING CONTROL PLUS	
EPA-ESTIMATED FUEL ECONOMY	
AWD, AUTOMATIC TRANSMISSION (CITY/HWY) ²	22 / 27
DRIVETRAIN	
TYPE	i-ACTIV AWD® with Off-road Traction Assist
AUTOMATIC TRANSMISSION	SKYACTIV®-Drive ¹ 6-speed automatic transmission with manual-shift and Sport Mode
GEAR RATIOS (:1)	Automatic transmission
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	11.9-inch solid disc
- ABS	4-wheel, 4-channel with Electronic Brake Force Distribution (EBD) and Brake Assist
STEERING TYPE	Power rack-and-pinion with variable assist
POWER ASSIST	Electronic Power Assist Steering (EPAS)
OVERALL STEERING RATIO	15.5:1
STEERING WHEEL TURNS, LOCK-TO-LOCK	2.7
TURNING CIRCLE DIAMETER, CURB-TO-CURB (FT)	36.0
SUSPENSION	4-wheel independent
- FRONT	MacPherson strut with stabilizer bar
- REAR	Multilink with stabilizer bar
WHEEL SIZE (IN)	19 x 7 aluminum-alloy wheels in Dark Silver finish
TIRE SIZE	P225/55 R19 all-season tires
TEMPORARY SPARE TIRE	T145/90D16

WEIGHTS & CAPACITIES

CURB WEIGHT (LBS)	3,825
TOWING CAPACITY (LBS)	2,000 ³
FUEL CAPACITY (GALLONS)	15.3

EXTERIOR

EXTERIOR DIMENSIONS



WHEELBASE (IN)	106.2
TRACK, FRONT (IN)	62.8
TRACK, REAR (IN)	62.8
LENGTH (IN)	179.1
WIDTH (IN) WITHOUT OUTER MIRROR	72.5
WIDTH (IN) MIRROR TO MIRROR OPENED	83.3
HEIGHT (IN) UP TO ROOF, WITHOUT ROOF RAILS	65.3
HEIGHT (IN) UP TO ROOF, WITHOUT ROOF RAILS, UP TO SHARKFIN ANTENNA	66.1
MINIMUM GROUND CLEARANCE - UNLADEN (IN)	7.5

EXTERIOR FEATURES

LED Headlights with Auto-leveling

LED Daytime Running Lights

LED fog lights
LED Combination taillights
Adaptive Front-lighting System
High Beam Control
Auto on/off headlights
Rear Power Liftgate with programmable height adjustment ⁴
Automatic rain-sensing variable-intermittent windshield wipers
Windshield wiper de-icer
Intermittent rear wiper/washer
Body-colored heated power side mirrors with LED turn signal indicators
Automatic power folding side mirrors
Rear privacy glass
Roof-mounted “shark fin” antenna
Body-colored rear roof spoiler
Dual exhaust outlets with bright finish
Signature badge

INTERIOR	
INTERIOR DIMENSIONS & CAPACITIES	
HEADROOM, FRONT/REAR WITH MOONROOF (IN)	39.3 / 39.0
SHOULDER ROOM, FRONT/REAR (IN)	57.1 / 54.8
HIP ROOM, FRONT/REAR (IN)	55.2 / 55.3
LEGROOM, FRONT/REAR (IN)	41.0 / 39.6
EPA CARGO VOLUME, REAR SEATBACK UP/FOLDED (CU FT)	30.9 / 59.6
COMFORT & CONVENIENCE	
Dual-zone automatic climate control with pollen filter	
Rear air conditioning vents	
Power sliding-glass moonroof with one-touch-open feature and interior sunshade	
Power windows with driver’s one-touch down/up feature	
Speed sensitive power door locks with 2-stage unlocking	
Mazda Advanced Keyless Entry and Start System	
Frameless auto-dimming rearview mirror with HomeLink®5	
Push Button Start	
Paddle shifters	

Electronic parking brake

Dual covered illuminated visor vanity mirrors

Tilt & telescopic steering column

12-volt power outlets

Map lights, Dome light and Cargo area light

Remote fuel-door release

Rear window defogger with timer

STORAGE

Glove compartment with LED illumination

Unique overhead console with LED room light and down light

Center console armrest with tray and covered storage bin

Rear seat center armrest with integrated cup holders

Front and rear door bottle holders/storage

Driver and Front passenger seatback pockets

SEATING & TRIM

5-passenger seating capacity

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

6-way power front passenger seat

40/20/40 split one-touch fold-down and reclining rear seatback

Adjustable front and rear headrests

Ventilated front seats (3 levels)

Heated front seats (3 levels)

Heated rear seats (3 levels)

Caturra Brown Nappa leather-trimmed seats

Leather-wrapped steering wheel with unique stitching

Heated steering wheel

Leather-wrapped gear selector

Genuine Layered wood trim

Black cloth headliner

Carpet floor mats

AUDIO & INFOTAINMENT

8" full-color touch screen display

Bose® 10-speaker audio sound system with Centerpoint® 2 and AudioPilot® 2

Bluetooth® hands-free phone and audio capability⁶

HD Radio™

Mazda Navigation System

Rearview Camera⁷

MAZDA CONNECT™ Infotainment System⁸

- Infotainment system voice command
- Multifunction Commander Control
- 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™ integration⁹

Android Auto™ integration¹⁰

SiriusXM® Satellite Radio with 3-month trial subscription¹¹

SiriusXM® 3-year Traffic and Travel Link subscription¹¹ includes current information for:

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

Auxiliary audio input jack

USB Inputs, 2 front and 2 rear

Steering wheel-mounted audio, phone and cruise controls

INSTRUMENTATION

Speedometer, tachometer and fuel gauge, black background with white lettering and silver surround

Active Driving Display with Traffic Sign Recognition¹²

Ambient temperature & clock display

7" LCD Meter Display

SAFETY & SECURITY

Dual front air bags¹³ with seat belt-use, passenger-weight sensors

Front side-impact air bags¹³ and side-impact air curtains¹³ 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 Control¹⁴ and Traction Control System

360° View Monitor¹⁵

Hill Launch Assist¹⁶

Blind Spot Monitoring¹⁷ with Rear Cross Traffic Alert¹⁷

Mazda Radar Cruise Control with Stop & Go¹⁸

Advanced Smart City Brake Support with Pedestrian Detection¹⁹

Smart Brake Support²⁰

Lane Departure Warning²¹ with Lane-keep Assist²¹

Front and rear parking sensors²²

Ring Structure unibody construction

Side-impact door beams

Engine-immobilizer antitheft system

Tire Pressure Monitoring System (TPMS)

LATCH rear seat child safety seat anchors & upper tether anchors

Child safety rear door locks

OPTIONS

Snowflake White Pearl Paint (Extra Cost Option)

Soul Red Crystal Metallic 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.

2020 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 Limited Powertrain Warranty (60 months/60,000 miles).

Call 1-800-866-1998

DISCLAIMERS

1: SKYACTIV is a registered trademark of Mazda Motor Corporation.

2: EPA-estimated mileage. Actual results will vary.

3: Up to 2,000 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.

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

5: HomeLink is a registered trademark of Gentex Corporation.

6: Bluetooth is a registered trademark of Bluetooth SIG, Inc.

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

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 motion. Not all features are compatible with all phones. Message and data rates may apply.

9: Apple CarPlay 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: Android Auto 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. 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.

12: 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.

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

14: Dynamic Stability Control (DSC) is an electronic system designed 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.

15: 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.

16: 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.

17: 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: Mazda Radar Cruise Control (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 a complete stop. Please see your Owner's Manual for further details.

19: 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.

20: 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. Please see your Owner's Manual for further details.

21: Lane-keep Assist and Lane Departure Warning are 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: 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.