

<b>FUEL CELL SYSTEM</b>	
Toyota Fuel Cell System (TFCS)	

  

<b>FUEL CELL STACK</b>	
Fuel cell stack type	Solid polymer electrolyte fuel cell
Humidification system	Internal circulation system (humidifier-less)
Power output	128 kW
Output density by volume	5.4 kW/L
Output density by weight	5.4 kW/kg
Cell number of cells in one stack	330 (single-line stacking)
Flow channel	Partially narrow flow channel (cathode)
Cold start capability	-22°F (-30°C)

  

<b>ELECTRIC MOTOR</b>	
Power output	182 hp (134 kW) max
Peak torque	221 lb.-ft. (300 Nm)
Motor type	AC synchronous electric generator
Drive battery	Lithium Ion
Battery Power Output	310.8 V
Battery Pack Weight	44.6 kg
Battery Capacity	1.24 kWh
Emission rating	Zero Emission Vehicle (ZEV)

  

<b>HYDROGEN TANKS</b>	
Storage method	Carbon-fiber reinforced tanks
Number of tanks	3
Type	Type 4
Material	Three-layer structure: <ol style="list-style-type: none"> <li>1. Inner: polymer-lined layer to hold the hydrogen</li> <li>2. Middle: structural layer of carbon-fiber reinforced polymer to provide strength</li> <li>3. Outer: glass-fiber reinforced polymer to help protect from surface abrasion</li> </ol>
Fuel	Compressed hydrogen gas
Maximum filling pressure	87.5 MPa
Normal operating pressure	70 MPa (approx. 10,000 psi)
Hydrogen tank capacity (weight)	5.6 kg
Internal volume (total):	142 L
Internal volume front tank	52 L
Internal volume rear tank	25.3 L
Internal volume tunnel tank	64.9 L



**TOYOTA**

2021 Mirai  
Product Information

MECHANICAL AND PERFORMANCE	
Drivetrain	Rear-Wheel Drive (RWD)
Body construction	Unitized body
Suspension	Multi-link front and rear suspension
Steering Wheel (lock-to-lock, turns)	2.51
Turning circle diameter, curb-to-curb	38.5 ft.
Brakes	Ventilated disc brakes (front and rear)
Acceleration performance	0-60 mph: 9.2 seconds
MPGe estimates (city/highway/combined)	76/71/74 (XLE) 67/64/65 (Limited)
Range (miles)	402 (XLE) 357 (Limited)

EXTERIOR DIMENSIONS	
Overall length/width	195.8 / 74.2 in.
Overall height	57.9 in.
Wheelbase	114.9 in.
Track (front/rear)	63.3 / 63.1 in.
Ground clearance	5.9 in.

INTERIOR DIMENSIONS	
Head room (front/rear) with moonroof	38.4 / 36.7 in. 38.4 / 37.4 in.
Shoulder room	58.4 / 54.4 in.
Hip room	56.5 / 52.8 in.
Leg room	42.2 / 33.1 in.
Cargo volume	9.6 cu. ft.

WEIGHTS AND CAPACITIES	
Seating capacity	5
Weight ratio	50:50
Curb weight	4,255 lbs. (XLE) 4,335 lbs. (Limited)

EXTERIOR FEATURES BY GRADE ( - = Not Available, O = Option, S = Standard, P = Package)		
	XLE	Limited
Bi-Beam auto-leveling LED headlights	S	S
Multi-LED front and rear turn signal indicators, Daytime Running Lights (DRL), clearance lights and side marker lamps etched with Mirai logo	S	S



Daytime Running Lights (DRL)	-	S
LED taillights and rear combination lights	S	S
Satin-black front grille	S	S
Color-keyed heated power-folding outside mirrors with turn signal indicators, blind spot warning and puddle lights	S	S
Dual fixed panoramic-view moonroof with power sliding shade	-	S
19-in. Twin-spoke aluminum wheels with P235/55R19, all-season tires	S	-
19-in. Black machined-finished aluminum wheels with P235/55R19, all-season tires	-	S
20-in. super Chrome-finish aluminum wheels with P245/45ZR20 all-season tires	-	P
Rain-sensing variable windshield wipers	-	S
Windshield wiper de-icer	S	S
Color-keyed roof-mounted shark-fin antenna	S	-
Black roof-mounted shark-fin antenna	-	S
Paint Protection Film	S	S

<b>INTERIOR FEATURES BY GRADE</b> ( - = Not Available, O = Option, S = Standard, P = Package)		
	XLE	Limited
5-passenger seating with fixed rear seats	S	S
8-in. color TFT LCD gauge cluster including drive mode, speedometer, fuel efficiency and MID	S	S
Smart Key System includes remote keyless entry system with trunk-release, panic button and remote illuminated entry	S	S
UV-Protected and Water Repellent Side Windows	S	S
Active Sound Control (ASC)	-	S
Heated SofTex front seats	S	-
Heated and ventilated perforated SofTex front and rear seats	-	S
8-way power driver and 4-way power front passenger seats	S	-
8-way power driver and front passenger seats with memory function	-	S
Leather tilt/telescopic steering wheel with audio, Bluetooth® hands-free phone and voice-command controls	S	-
Leather tilt/telescopic steering wheel with memory and with audio, Bluetooth® hands-free phone and voice-command controls	-	S
Dual zone automatic climate control	S	-



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Three-zone automatic climate control with individual temperature settings for driver, front passenger and rear-seat passengers and separate rear digital control panel	-	S
Rear touchscreen control panel with climate control function, sunshade toggle, seat heating and ventilation, and audio controls	-	S
ALL AUTO control (seat heaters/ventilation and air conditioning work in tandem automatically)	S	S
Ambient lighting in eight selectable colors and blue-illuminated footwells in front and rear	-	S
Auto-dimming rearview mirror and HomeLink® universal transceiver	S	-
Digital rearview mirror and HomeLink® universal transceiver	-	S
Power door locks with shift-linked automatic locking feature	S	S
Power windows with one-touch auto up/down on all four doors, jam protection in all positions with power rear quarter windows	S	S
Overhead console with dome lights, touch-activated maplights, sunglasses storage and SOS button	S	S
Manual rear seat sunshades	-	S
Power rear window sunshade	-	S
Dual extendable sun visors illuminated vanity mirror	S	S
Front door map pockets	S	S
Passenger-side lockable glove compartment	S	S

<b>AUDIO OPTIONS BY GRADE ( - = Not Available, O = Option, S = Standard, P = Package)</b>		
	XLE	Limited
Premium Audio, Dynamic Navigation with 3-year trial — 12.3-in. touchscreen, 14 JBL® speakers including subwoofer and amplifier, hands-free phone capability and music streaming via Bluetooth® wireless technology, Android Auto™ & Apple CarPlay® & Amazon Alexa compatible, SiriusXM® with 3-month All Access trial. See <a href="http://toyota.com/audio-multimedia">toyota.com/audio-multimedia</a> for details. Connected Services — Safety Connect® with 1-year trial, Service Connect with 10-year trial, Remote Connect with 1-year trial, Wi-Fi Connect with up to 2 GB within 3-month trial, Destination Assist with 1-year trial. See <a href="http://toyota.com/connected-services">toyota.com/connected-services</a> for details.	S	S

<b>PACKAGES BY GRADE ( - = Not Available, O = Option, S = Standard, P = Package)</b>		
	XLE	Limited

Advanced Technology Package: Includes Bird's Eye View Camera, Front and Rear Parking Assist with Automated Braking, and Front Seat Foot Illumination	P	-
20-inch Super Chrome Alloy Wheels	-	O

<b>SAFETY FEATURES BY GRADE</b> ( - = Not Available, O = Option, S = Standard, P = Package)		
	XLE	Limited
Star Safety System™ — includes Enhanced Vehicle Stability Control (VSC), Traction Control (TRAC), 4-wheel Anti-lock Brake System (ABS), Electronic Brake-force Distribution (EBD), Brake Assist (BA) and Smart Stop Technology® (SST)	S	S
Eight airbags – includes driver and front passenger seat, driver and front passenger side airbags, driver and front passenger knee airbags, and front side curtain airbags	S	S
Toyota Safety System 2.5+	S	S
- Pre-Collision System with Pedestrian Detection, with low light pedestrian detection and daytime cyclist detection	S	S
- Lane Departure Alert with Steering Assist and road edge detection with Sway Warning System	S	S
- Auto High Beams	S	S
- Full-Speed Range Dynamic Radar Cruise Control	S	S
- Road Sign Assist	S	S
- Lane Tracing Assist	S	S
- Driver and front passenger Whiplash-Injury-Lessening (WIL) seats	S	S
Three-point seatbelts for all seating positions; Driver-side Emergency Locking Retractor (ELR) and Automatic/Emergency Locking Retractors (ALR/ELR) on all passenger seatbelts	S	S
Intelligent Parking Assist (IPA)	-	S
Bird's Eye View Camera with Perimeter Scan, Overhead 360 Degree View in Drive and Reverse, and Curb View	P	S
Front and Rear Parking Assist with Automated Braking (PA w/ AB)	P	S
Blind Spot Monitor (BSM) with Rear Cross-Traffic Alert (RCTA)	S	S
Anti-theft system with alarm and engine immobilizer	S	S
Electric Parking Brake (EPB) with Brake Hold Function	S	S
LATCH (Lower Anchors and Tethers for CHildren) includes lower anchors on rear seat positions	S	S
Adjustable shoulder anchors on front seatbelts with seatbelt pretensioners on front and outboard rear seats	S	S

Hill Start Assist Control (HAC)	S	S
Active Cornering Assist (ACA)	S	S
Electric Power Steering (EPS)	S	S
Tire Pressure Monitor System (TPMS) with individual direct pressure readout	S	S
Tire Repair Kit	S	S
Backup camera	S	S
Child-protector rear door locks and power window lockout control	S	S

AVAILABLE EXTERIOR COLORS ( - = Not Available, A = Available)		
	XLE	Limited
Oxygen White*	A	A
Heavy Metal*	A	A
Black	A	A
Supersonic Red*	A	A
Hydro Blue*	-	A

\* Special Color price +\$425

#### BASIC LIMITED WARRANTY COVERAGE

- 3-year/36,000-mile Comprehensive
- 5-year/60,000-mile Powertrain
- 5-year/unlimited-mileage Corrosion Perforation
- 8-year/100,000-mile Fuel Cell-Related Component Coverage
- 10-year/150,000-mile Battery
- Extended ToyotaCare – Complimentary maintenance plan with the purchase or lease of every new Toyota Mirai. For 3 years or 35,000 miles, whichever comes first, every new Toyota Mirai will be covered for all normal factory scheduled service
- ToyotaCare Enhanced Roadside Assistance including dedicated 24/7 call support and roadside assistance for 3 years