

2024 Lucid Air Touring

Technical Specifications

Powertrain and Charging

Drivetrain layout		Dual Permanent-Magnet Electric Motors, All-Wheel Drive
Transmission		Single-speed (gear ratio 7:1)
Power (total)	hp	620
Torque (total)	lb-ft	885
Battery capacity	kWh	92
Platform architecture		700V+
DC charge power	kW	Up to 250
Approx. time to charge 200 miles		15 min

Performance

Acceleration*		
0 - 60 mph	sec	3.4
0 - 100 km/h	sec	3.6
Top speed*	mph	140
	km/h	225

Efficiency

Range, EPA-estimated [†]		
19" wheels	mi	411
20" wheels	mi	382
21" wheels	mi	365
Efficiency, EPA-estimated		
19" wheels	mi/kWh	4.47
	MPGe	City 135 / Hwy 131 / Comb 133

* Extreme speeds should only be achieved on a closed course by experienced and responsible drivers with the full permission of all relevant parties. Lucid does not condone racing or speeding on public roads

[†] Range and battery power vary with temperature, driving habits, charging and battery condition and actual results will vary.

20" wheels	mi/kWh	4.15
	MPGe	City 125 / Hwy 120 / Comb 123
21" wheels	mi/kWh	3.97
	MPGe	City 121 / Hwy 114 / Comb 118

Chassis, Suspension, and Tires

Front Suspension	Aluminum-intensive virtual axis double wishbone. High strength steel coil springs, hollow anti roll bar. Adaptive dampers with independent compression and rebound control at 500Hz (unique calibrations for driving modes).
Rear Suspension	Aluminum-intensive multi-link. High strength steel coil springs and anti roll bar. Adaptive dampers with independent compression and rebound control at 500Hz (unique calibrations for driving modes).
Steering Type	Electrically-assisted rack and pinion, 13.0:1 on-center ratio, 2.2 turns lock-to-lock (unique calibrations for driving modes).
Brake Rotors and Calipers	Front: 380-mm (15-inch) Ventilated Disc, 6-Piston Fixed Rear: 375-mm (14.8-inch) Ventilated Disc, 4-Piston Fixed
Brake System	4-wheel anti-lock braking system (ABS) with Electronic Brake Force Distribution, Traction Control, Stability Control, Torque Vectoring By Braking. Electrically-assisted brake booster (hydraulically-linked, not brake-by-wire). One calibration for Smooth mode, one shared calibration for Swift/Sprint modes). Accelerator pedal-actuated regenerative braking via motors. User-switchable 3 mode Lucid Stability Control (changes ABS, Traction Control, Stability Control, Torque Vectoring By Braking calibrations).
Tires	
19" wheel	Pirelli P Zero, All-Season, Lucid-specific compound and construction Front: 245/45R19 102Y M+S / Rear: 245/45R19 102Y M+S
20" wheel	Michelin Pilot Sport, Summer, Lucid-specific compound and construction Front: 245/40R20 / Rear: 265/40R20
21" wheel	Pirelli P Zero, Summer, Lucid-specific compound and construction Front: HL245/35R21 99Y / Rear: HL265/35R21 103Y

Exterior

Wheelbase	in	116.5
Length	in	195.9
Width (with/without mirrors)	in	86.4 / 76.2
Height	in	55.4
Track (19" wheels) (front / rear)	in	65.7 / 65.6
Ground clearance (19" wheels)	in	4.9
Turning circle, curb-to-curb	ft	39.4
Drag coefficient (19" wheels)	cd	0.197
Curb weight (19" wheels)	lbs	4,988

Interior

Headroom – Aluminum roof (front/rear)	in	39.6 / 37.8
Headroom – Glass canopy (front/rear)	in	39.6 / 38.3
Leg room (front/rear)	in	45.4 / 37.6
Shoulder room (front/rear)	in	58.3 / 54.5
Passenger volume	cu ft	100.7

Cargo

Cargo room in Frunk	cu ft	10
Cargo room in Trunk	cu ft	22.1
Total cargo volume (Frunk + Trunk)	cu ft	32.1