

DAIHATSU
SIRION



SIRION





The Sirion features what could be the world's most efficient engine. With high torque from the low- to mid-rpm range, this newly developed 989-cc, 3-cylinder, 12-valve DOHC engine combines the smooth performance of larger engines with fuel efficiency that is almost unsurpassed today (5-speed manual transmission model: 4.9 l/100 km; 4-speed automatic: 5.5 l/100 km, in Extra-Urban Mode).

The engine is among the cleanest of any passenger car. CO, HC and NOx emissions have been slashed by a new design that boosts atomizing efficiency and achieves leaner fuel atomization when the engine is cold, and by improvements to the catalyst.



The short-nose, long-cabin design results in a compact body (CX: 3,675 × 1,595 × 1,450 mm [L×W×H]), yet there is plenty of headroom and legroom both front and rear. The spacious cabin (1,725 × 1,330 × 1,190 mm [L×W×H]) seats five in comfort, while six large windows assure a bright, open feeling. The flat, square luggage compartment offers easy access and a class-leading 235-dm³ (VDA measurement) loading capacity.





Believing compact cars should be just as safe as larger cars, Daihatsu has equipped the Sirion for safety. An advanced, rigid body structure with crumple zones protects against front, rear and side collision, or when striking an offset object. To boost front-end safety, the frame is designed to bend at the centre in a V-shape while the engine and transmission slide downward rather than toward the cabin. SRS air bags are standard for both driver and front-seat passenger, and side air bags are available as an option. Both front seat belts are equipped with a pretensioner and force limit mechanism.



Specifications

Item	Grade	CX	CL
Overall length	mm (GVW)	3675	
Overall width	mm (GVW)	1595	1590
Overall height	mm	1450	
Interior length	mm	1725	
Interior width	mm	1330	
Interior height	mm (GVW)	1190	
Wheelbase	mm	2345	
Track	Front mm (GVW)	1395	1405
	Rear mm (GVW)	1365	1375
Minimum road clearance	mm (GVW)	110	
Curb weight	5M/T kg	835	810
	4A/T kg	845	820
Gross vehicle weight	5M/T kg	1320	
	4A/T kg	1320	
Seating capacity		5	
Min. turning radius (tyre)	(m)	4.4	
Engine type		EJ-DE, petrol, water-cooled, 3-cylinder, 4-cycle, 12-valve, DOHC	
Total displacement	(cc)	989	
Bore × stroke	(mm)	72 × 81	
Max. output		40.5 k W/5200 rpm	
Max. torque		88.3 N-m/3600 rpm	
Compression ratio		10	
Fuel system		EFI	
Fuel tank capacity	(litres)	40	
Clutch (manual transmission)		Dry single plate with diaphragm spring and mechanical actuation	
Transmission	5M/T	Forward 5-speed manual, all synchromesh	
	4A/T	Forward 4-speed full automatic	
Transmission gear ratios	5M/T	1st-3.181, 2nd-1.842, 3rd-1.250, 4th-0.916, 5th-0.750 Rev-3.142	
	4A/T	1st-2.800, 2nd-1.540, 3rd-1.000, 4th-0.700, Rev-2.333	
Final reduction gear ratio	5M/T	4.500	
	4A/T	4.438	
Steering type		Rack & pinion	
Main brakes	Front	Disc brakes with booster	
	Rear	Drum brakes, leading and trailing	
Parking brake		Mechanically operating on rear wheels	
Suspension	Front	MacPherson struts with coil springs	
	Rear	Semi-independent torsion axle beam with coil springs (with stabilizer for Europe)	
Tyres (standard)		165/65R14	145/80R13
Trailer towing	with brake kg	750	
	without brake kg	350	

Note: Daihatsu reserves the right to make changes at any time, without notice, in prices, colours, materials, equipment, specifications and models, and also to discontinue models.
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