

CHASSIS E6

GAZelle NEXT



- Single-row (2+1 seats) or crew cabin (6+1)
- Two wheelbases
- GVW: 3 500 – 4 600 kg
- Optional driver and passenger airbags
- Optional ABS and ESP
- Disc brakes on all wheels
- Diesel, gasoline, LPG engines

SPECIFICATIONS

Main characteristics	A21R32
Curb weight, kg (with spare wheel, tool, full fuel tank, driver, no passengers and no tent), kg	1 803
Distribution of mass on the road, kg	
front wheels tires	1 246
rear wheels tires	557
Gross vehicle weight (GVW), kg	3 500
Maximum permissible weight, kg	
front axle, kg	1 650
rear axle, kg	2 600
Payload, kg	1 697
Fuel system	Direct fuel injection system. Fuel tank is located on the left longitudinal bar of the frame. Fuel filler on the left. The tank has a volume of 79 l
Exhaust system	One muffler
Exhaust gases aftertreatment system	Oxidation catalyst, diesel particulate filter and selective catalytic reduction
Coolant heater or prestart heater	Can be installed a coolant heater or prestart heater designed to stabilize engine operating temperature and ensure comfortable conditions in the vehicle cabin. For the prestart heater there is an additional function of facilitating the start-up of the engine at low temperatures
Clutch	Single disc, dry, with hydraulic actuator
Gearbox	Mechanical, fully synchronized, manually operated
Gear ratios	1st gear – 5.065 2nd gear – 2.78 3rd gear – 1.591 4th gear – 1.00 5th gear – 0.807 6th gear – 0.643 Reverse – 4.383
Cardan drive	Cardan drive
Driving axles	Main gear – one-shot, hypoid. Final drive gear ratio – 4.556
Front suspension	Spring suspension on wishbone, with hydraulic telescopic shock absorbers, with a stabilizer bar
Rear suspension	Dependent on longitudinal elliptic leaf springs, with hydraulic telescopic shock absorbers, with a stabilizer bar
Wheels	Steel, stamped with the rim 5.5Jx16H2
Tires	Radial, size 185/75R16C
Steering system	Steering gear of steering rack. Steering wheel adjustable for tilt
Primary brake system	Hydraulic circuit with distribution by axles, with vacuum booster, with ABS/ESP, front – wheel brake disc, rear – disc
Secondary brake system	Every contour of the working braking system
Parking brake system	Mechanical (cable) drive to the rear wheel brake mechanisms
Battery, capacity	75 A·h. Option – 85 A·h
Cabin	Single-row triple cabin. Driver and passenger airbags
Maximum speed, km/h	130
Smallest turning radius on the track of front external wheel, m, no more than	6.5
Engine model	EA189 monoturbo
Type	Turbodiesel with intercooler
Ecological class	Euro 6
Number of cylinders	4
Arrangement of cylinders	Vertically in a row
Displacement, l	1.968
Power rating, kW (hp)	100 (136)
Crankshaft speed @ rating power, min ⁻¹	3500
Maximum torque, Nm	340
Crankshaft rotational speed, corresponding to the minimum power, min ⁻¹	1 600–2 250
Minimum stable rotation frequency at idle run, min ⁻¹	750±50
Maximum stable rotation frequency at idle run, min ⁻¹	4250

