

LEXUS NX 300h TECHNICAL SPECIFICATIONS

ENGINE	
Engine code	2AR-FXE
Engine type	4 cylinders in-line, aluminium block and heads
Valve mechanism	16 valve DOHC, VVT-i
Displacement (cc)	2,494
Bore x stroke (mm)	90.0 x 98.0
Compression ratio	12.5.0:1
Max. power (bhp/kW @ rpm)	153/114 @ 5,700
Max. torque (Nm @ rpm)	210 @ 4,200-4,400
HYBRID SYSTEM	
Electric motor (front)	
Type	Permanent magnet, synchronous motor
Max. voltage	650
Max. power (bhp/kW)	141/105
Max. torque (Nm)	270
Hybrid battery	
Type	Nickel metal-hydride
Nominal voltage	244.8
Number of cells	204
System voltage	650
Total system output – front electric motor and hybrid engine (bhp/kW)	195/145
PERFORMANCE	
0-62mph (sec)	9.2
Max. speed (mph)	112
DIMENSIONS	
Overall length (mm)	4,630
Overall width –mirrors folded (mm)	1,845
Overall width – including mirrors (mm)	2,130
Overall height (mm)	1,645
Wheelbase (mm)	2,660
Track front (mm)	1,580
Track rear (mm)	1,580

Overhang front (mm)		995
Overhang rear (mm)		975
Coefficient of Drag (Cd)		0.33
Fuel tank capacity (litres)		56
INTERIOR DIMENSIONS		
Interior length (mm)		2,080
Interior width (mm)		1,520
Interior height (mm)		1,180 1,165 (with panoramic roof)
Luggage capacity (VDA, litres)	Rear seats up	475
	Rear seats folded	1,520
WEIGHTS (kg)		
Kerb weight	S	1,715 – 1,755
	Other grades	1,785 – 1,905
Gross vehicle weight	S	2,245
	Other grades	2,395
Towing capacity – braked	S	Towing prohibited
	Other grades	1,500
Towing capacity – unbraked	S	Towing prohibited
	Other grades	750
TRANSMISSION		E-CVT
Gear ratios	Forward	3.750
	Reverse	3.542
Differential Gear Ratio		6.859
FUEL CONSUMPTION		
Combined (mpg)	S	56.5
	Other grades	54.3
Urban (mpg)	S	56.5
	Other grades	53.3
Extra urban (mpg)	S	56.5
	Other grades	55.4
EMISSIONS, VED, INSURANCE, TAX & SERVICING		
CO ₂ (g/km)	S	116
	Other grades	121
VED bands	S	C
	Other grades	D
Insurance groups	S	29E
	SE	31E
	Luxury	32E
	F Sport	32E

	Premier	33E
Benefit in kind tax rate (2014/15)	S	16%
	Other grades	17%
Service intervals		10,000 miles/annually
SUSPENSION		
Front		MacPherson strut
Rear		Trailing arm, double wishbones
BRAKES		
Front (diameter x thickness, mm)		Ventilated discs 328 x 28
Rear (diameter x thickness, mm)		Discs 281 x 12
STEERING		
Type		Rack and pinion, electric power steering
Ratio		14.7:1
Turns (lock to lock)		2.68
Min. turning radius (m)	Tyre	5.7
	Body	6.05
TYRES & WHEELS		
Tyre & wheel size	S	17in, 225/65R17
	Other grades	18in, 225/60R18

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