

NX 300h TECHNICAL SPECIFICATIONS

ENGINE	
Engine code	2AR-FXE
Engine type	4 cylinders in-line, aluminium alloy 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
Total system output – front electric motor and hybrid engine (bhp/kW)	195/145
Max. engine power (bhp/kW @ rpm)	153/114 @ 5,700
Max. engine torque (Nm @ rpm)	210 @ 4,200-4,400
Emissions certification	Euro 6
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
PERFORMANCE	
0-62mph (sec)	9.2
Max. speed (mph)	112
DIMENSIONS	
Overall length (mm)	4,640
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)	0.32
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	FWD	1,720 – 1,840
	AWD	1,785 – 1,905
Gross vehicle weight	FWD	2,330
	AWD	2,395
Towing capacity – braked	FWD	650
	AWD	1,500
Towing capacity – unbraked	FWD	650
	AWD	750
TRANSMISSION		E-CVT
Gear ratios	Forward	3.750
	Reverse	3.542
Differential Gear Ratio		6.859
FUEL CONSUMPTION		
Combined (mpg)		54.3
Urban (mpg)		53.3
Extra urban (mpg)		55.4 (54.3 SE FWD)
EMISSIONS, INSURANCE & SERVICING		
CO ₂ (g/km)		121
Insurance groups	SE	31E
	Luxury	32E
	F Sport	32E
	F Sport Premier Pack	TBC
	Premier	33E
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		18in, 225/60R18

Ref:180125M

