

LEXUS NX TECHNICAL SPECIFICATIONS

ENGINE – NX 200t	
Engine code	8AR-FTS
Engine type	4 cylinders in-line, turbocharged petrol with aluminium alloy block and head
Valve mechanism	16 valve DOHC, Dual VVT-iW
Displacement (cc)	1,998
Bore x stroke (mm)	86 x 86
Compression ratio	10.0:1
Max. power (bhp/kW @ rpm)	235/175 @ 4,800 – 5,600
Max. torque (Nm @ rpm)	350 @ 1,650
Fuel system	EFI, D-4ST
ENGINE – NX 300h	
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 – NX 300h	
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		NX 300h	NX 200t
0-62mph (sec)		9.2	7.1
Max. speed (mph)		112	124
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)		0.34	
Fuel tank capacity (litres)		56 – 300h 60 – 200t	
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 – 300h 500 – 200t	
	Rear seats folded	1,520 – 300h 1,545 – 200t2	
WEIGHTS (kg)		NX 300h	NX 200t
Kerb weight	S	1,715 – 1,755	n/a
	Other grades	1,785 – 1,905	1,735 – 1,845
Gross vehicle weight	S	2,245	n/a
	Other grades	2,395	2,335
Towing capacity – braked	S	Towing prohibited	n/a
	Other grades	1,500	1,500

Towing capacity – unbraked	S	Towing prohibited	n/a
	Other grades	750	750
TRANSMISSION – NX 300h		E-CVT	
Gear ratios	Forward	3.750	
	Reverse	3.542	
Differential Gear Ratio		6.859	
TRANSMISSION – NX 200t		6-speed automatic with sequential shift mode	
Gear ratios	1 st	3.300	
	2 nd	1.900	
	3 rd	1.420	
	4 th	1.000	
	5 th	0.713	
	6 th	0.608	
	Reverse	4.148	
Differential Gear Ratio (front/rear)		3.880/2.770	
Driven wheels		All-wheel drive	
FUEL CONSUMPTION		NX 300h	NX 200t
Combined (mpg)	S	56.5	n/a
	Other grades	54.3	35.8
Urban (mpg)	S	56.5	n/a
	Other grades	53.3	27.2
Extra urban (mpg)	S	56.5	n/a
	Other grades	55.4	43.5
EMISSIONS, INSURANCE & SERVICING		NX 300h	NX 200t
CO ₂ (g/km)	S	116	n/a
	Other grades	121	183
Insurance groups	S	29E	n/a
	SE	31E	n/a
	Luxury	32E	n/a
	F Sport	32E	38E
	Premier	33E	n/a
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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