

## TOYOTA AURIS TECHNICAL SPECIFICATIONS

<b>1.2 Turbo</b>				
Engine Code	8NR-FTS			
Type	Four cylinders in-line			
Valve mechanism	16-Valve DOHC, chain drive with VVT-iW (intake) and VVT-i (exhaust)			
Displacement (cc)	1,197			
Bore x stroke (mm)	71.5 x 74.5			
Compression ratio	10:1			
Max power (bhp/kW @ rpm)	114/85 @ 5,200 – 5,600			
Max torque (Nm @ rpm)	185 @ 1,500 – 4,000			
<b>1.8 VVT-i HYBRID</b>				
Engine Code	2ZR-FXE			
Type	Four cylinders in-line			
Valve mechanism	DOHC 16-valve with VVT-i			
Displacement (cc)	1,798			
Bore x stroke (mm)	80.5 x 88.3			
Compression ratio	13.0:1			
Max power (bhp/kW @ rpm)	98/73 @ 5,200			
Max torque (Nm @ rpm)	142 @ 4,000			
Total system max. output (petrol engine and electric motor, bhp/kW)	134/100			
<b>Electric motor</b>				
Motor type	Permanent magnet, synchronous			
Max. voltage (v)	650			
Max. power (bhp/kW)	80/60			
Max. torque (nm)	207			
<b>High-voltage battery</b>				
Battery type	Nickel-metal hydride			
Nominal voltage (v)	201.6 (168 x 1.2v cells)			
No. of battery modules	28			
Battery capacity (kW/h)	1.31			
<b>TRANSMISSIONS</b>		<b>1.2 Turbo</b>		<b>1.8 VVT-i Hybrid</b>
Type	6MT	MDS	E-CVT	

Gear ratios	1 <sup>st</sup>	3.727	-	-
	2 <sup>nd</sup>	2.045	-	-
	3 <sup>rd</sup>	1.310	-	-
	4 <sup>th</sup>	0.971	-	-
	5 <sup>th</sup>	0.764	-	-
	6 <sup>th</sup>	0.619	-	-
	Forward	-	2.480 to 0.396	2.683
	Reverse	3.333	2.604 to 1.680	2.683
Final drive ratio	Front	3.944	5.045	3.267
	Rear	3.944	5.045	3.267
<b>PERFORMANCE</b>		<b>1.2 Turbo</b>		<b>1.8 VVT-i Hybrid</b>
Transmission		6MT	MDS	E-CVT
Max Speed (mph)		124	118	112
0-62mph (sec)	Hatch	10.1	10.5	10.9
	Wagon	10.4	10.8	11.2
<b>FUEL CONSUMPTION - HATCHBACK</b>		<b>1.2 Turbo</b>		<b>1.8 VVT-i Hybrid</b>
Transmission		6MT	MDS	E-CVT
Combined (mpg)	16in wheel	58.9	61.4	78.5
	17in wheel	52.3	55.4	72.4
Extra-urban (mpg)	16in wheel	67.3	68.9	80.7
	17in wheel	58.9	60.1	72.4
Urban (mpg)	16in wheel	47.9	51.4	80.7
	17in wheel	43.5	47.9	72.4
<b>FUEL CONSUMPTION - WAGON</b>		<b>1.2 Turbo</b>		<b>1.8 VVT-i Hybrid</b>
Transmission		6MT	MDS	E-CVT
Combined (mpg)	16in wheel	58.9	58.9	78.5
	17in wheel	51.4	53.3	70.6
Extra-urban (mpg)	16in wheel	67.3	65.7	80.7
	17in wheel	58.9	58.9	72.4
Urban (mpg)	16in wheel	47.9	49.6	78.5
	17in wheel	42.8	46.3	72.4
<b>CO<sub>2</sub> EMISSIONS &amp; INSURANCE</b>		<b>1.2 Turbo</b>		<b>1.8 VVT-i Hybrid</b>

Transmission		6MT	MDS	E-CVT
Combined g/km - hatchback	16in wheel	112	106	82
	17in wheel	125	119	91
Combined g/km - wagon	16in wheel	112	110	83
	17in wheel	126	122	92
Insurance groups		14E/15E		12E
<b>BRAKES</b>				
Front (diameter x thickness, mm)		Ventilated discs 277 x 26, 296 x 28 for hybrid		
Rear (diameter x thickness, mm)		Solid discs 270 x 10		
<b>SUSPENSION</b>				
Front		MacPherson strut		
Rear		Double wishbone		
<b>STEERING</b>				
Steering type		Rack and pinion, electric power steering		
Ratio		14.8:1		
Turns lock-to-lock	16in wheels	2.67		
	17in wheels	2.59		
Min turning radius – tyre/body (m)	16in wheels	5.2/5.5		
	17in wheels	5.4/5.7		
<b>EXTERIOR DIMENSIONS</b>		<b>HATCHBACK</b>	<b>WAGON</b>	
Overall length (mm)		4,330	4,595	
Overall width (mm)		1,760		
Overall height (mm)		1,475	1,485	
Wheelbase (mm)		2,600		
Front track (mm)	16in wheel	1,525		
	17in wheel	1,515		
Rear track (mm)	16in wheel	1,515		
	17in wheel	1,505		
Front overhang (mm)		955		
Rear overhang (mm)		775	1,040	
<b>INTERIOR DIMENSIONS</b>		<b>HATCHBACK</b>	<b>WAGON</b>	
Interior length (mm)		1,830	1,890	
Interior width (mm)		1,485		
Interior height (mm)		1,180		
		(1,150 with panoramic roof)		

Cargo space (l)	Rear seats up	435	672	
	Rear seats down	1,199	1,658	
<b>WEIGHTS</b>		<b>1.2 Turbo</b>		<b>1.8 VVT-i Hybrid</b>
Transmission		6MT	MDS	E-CVT
Kerb weight, hatchback (kg)		1,350	1,375	1,415/1,425
Kerb weight, wagon (kg)		1,400	1,420	1,425/1,465
Gross vehicle weight, hatchback (kg)		1,820	1,845	1,815/1,840
Gross vehicle weight, wagon(kg)		1,850	1,875	1,815/1,865
Towing capacity, (kg)	Braked	1,300		N/A
	Unbraked	450		N/A
<b>WHEELS AND TYRES</b>				
Wheel/tyre		16 x 6.5J alloy, 205/55R16 17 x 7J alloy, 225/45R17		

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