

Specification Table : Optima (JF PE)

SPECIFICATIONS	ENGINE		2.0 EX
	Type	Nu 2.0L CVVL	
	Displacement (cc)	1,999 cc	
	Bore x stroke (mm)	81.0 mm X 97.0 mm	
	Compression ratio	10.3:1	
	Horsepower	163 PS @ 6,500 rpm	
	Torque	196 Nm @ 4,800	
	Valve System	DOHC D-CVVT 16V	
	Fuel System	MPI (Multi Point Injection)	
	Rec. Fuel	Petrol	
	DRIVETRAIN		
	Transmission Gear Ratios	6-speed automatic transmission	
	First	4.400	
	Second	2.726	
	Third	1.834	
	Fourth	1.392	
	Fifth	1.000	
	Sixth	0.774	
	Reverse	3.385	
	Final gear ratio	3.913	
	Layout/drive	Front Engine/ FWD	
	CHASSIS / SUSPENSION		
	Front suspension	MacPherson	
	Rear suspension	Multi Link	
	Shock absorber	Gas	
	Construction	Steel Unibody	
	Seating Capacity	5	
	Body Type	Sedan	
	STEERING		
	Type / Power source	Rack and Pinion / C-MDPS	
	Turns, lock-to-lock	2.78	
	Turning circle, curb-to-curb: meter	5.45	
	BRAKES		
	Brake Type front/rear	4-Wheel Disc (Vented / Solid)	
	Size front/rear	17" / 15"	
	Parking brake type	Electronic	
	WHEELS / TYRES		
	Wheel size, front (in.)	7.5J × 17	
	Wheel size, rear (in.)	7.5J × 17	
	Tire size, front	215/55R17	
	Tire size, rear	215/55R17	
	Spare Tire / Tire Mobility Kit (TMK)	TMK	
	FUEL CONSUMPTION		
	Automatic transmission, city/highway/combined (ℓ/100km)	10.5 / 6.1 / 7.8	

FEATURES	EXTERIOR		2.0 EX
	17-inch Alloy Wheels		●
	18-inch Alloy Wheels		--
	Full Size Spare Tire		--
	LED Projection headlights		●
	Dynamic Bending Light (DBL)		●
	Auto Light Control		●
	LED Daytime Running Light (DRL)		●
	LED Front Fog Lamps		●
	LED High Mounted Stop Lamp		●
	LED Rear Combination Lights		●
	Solar Glass (windshield, front)		●
	Auto rain sensing windshield wipers		●
	Backlite heated		●
	Radiator Grille - Vertical type with bright chrome		●
	Radiator Grille - Mesh type with dark grey		--
	Lower Bumper - Horizontal type (Intake Grille and Air Curtain garnish)		●
	Lower Bumper - Honeycomb type (Intake Grille and Air Curtain garnish)		--
	Rear Bumper - Single Muffler type with normal black diffuser		●
	Rear Bumper - Dual Muffler type with glossy black diffuser		--
	Panorama Sunroof (Express open & close. Tiling & Sliding, 3-pieces)		--
	Hand-free trunk open type (with Smart Key)		●
	INTERIOR		
	Tilt and telescopic steering column		●
	Leather-wrapped steering wheel		●
	Leather-wrapped gear shift knob		●
	3-Spokes circle type steering wheel		●
	3-Spokes D-Shape GT type steering wheel		--
	4.3" color TFT LCD supervision meter cluster with integrated trip computer		●
	Electric chromic rear-view mirror		●
	Electronic Parking Brake (EPB) with autohold		●
	Overhead console with sunglass holder		●
	Driver and passenger sun visors with vanity mirrors		●
	Illuminated vanity mirrors		●
	Illuminated glove box		●
	Front center console with storage box		●
	Front and rear power outlets with USB chargers		●
	Glossy black garnish center console		●
	Aluminium garnish center console		--
	Aluminum door scuff plates		●
	Aluminum pedals		●
	Fabric seat trim		●
	Leather seat trim		--
	8-way power adjustable driver's seat with 4-way power lumbar support		●
	8-way power adjustable front passenger's seat with 2-way power lumbar support		--
	Manual adjustable front passenger's seat (double recline, sliding, height adjuster)		●
	Integrated Memory System (IMS) with 2-position memory for driver's seat and outside mirrors		●
	Ventilated front seats		--
	Heated front seats		--
	Ambient Light		--
	Front seatback pockets		●
	60/40 split-folding rear seats		●
	Rear center armrest with cup holders		●
	Rear sunshade blind		●
	CONVENIENCE		
	Dual-zone automatic temperature control with rear vents		●
	Cabin air filter		●
	Touchscreen audio display system		●
	AM/FM/MP3/ radio audio system		●
	Apple CarPlay™		●
	Android Auto™		●
	Bluetooth® wireless technology		●
	Wireles Qi Smartphone Chargers		--
	Steering wheel-mounted audio controls		●
	Power windows with auto-up/down and safety		●
	Power door locks with remote keyless entry system		●
	Push-start button with Smart Key		●
	SAFETY & SECURITY		
	Dual Front airbags		●
	Dual Front Seat-mounted side airbags		●
	Full-length Curtain airbags		●
	Front and rear 3-point seat belts		●
	Front seat-belt pretensioners		●
	Power window lockout protection		●
	Vehicle Stability Management (VSM)		●
	Electronic Stability Control (ESC)		●
	Anti-lock Brakes System (ABS)		●
	Hill-start Assist Control (HAC)		●
	Traction Control System (TCS)		●
	Emergency Stop Signal (ESS)		●
	ISOFIX		●
	Rear child-safety door locks		●
	Immobilizer		●
	DRIVER ASSISTANCE		
	Drive Mode Select (DMS) - Comfort, Eco, Sport, Smart		●
	Parking Distance Warning - Forward (PDW-F)		●
	Parking Distance Warning - Reverse (PDW-R)		●
	Surround View Camera with Rear View Driving Monitoring		●
	Rear View Camera with Dynamic Guideline		●
	Tire Pressure Monitor System (TPMS)		●
	Cruise control		●
	Speed Limiter		●