

## Specification Table : Optima (JF PE)

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 x 17	
Wheel size, rear (in.)	7.5J x 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 (8/100km)	10.5 / 6.1 / 7.8	

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	●	
Wireless 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	●	