# Specifications

## 2020 Ninja® 650 ABS

### Power
- **Engine**: 4-stroke, Parallel Twin, DOHC, liquid-cooled
- **Displacement**: 649cc
- **Bore x Stroke**: 83.0 x 60.0mm
- **Compression Ratio**: 10.8:1
- **Fuel System**: DFI® with dual 36mm Keihin throttle bodies
- **Ignition**: TCBI with electronic advance
- **Transmission**: 6-speed
- **Final Drive**: Sealed chain
- **Electronic Rider Aids**: ABS

### Performance
- **Front Suspension / Wheel Travel**: 41mm hydraulic telescopic fork/4.9 in
- **Rear Suspension / Wheel Travel**: Horizontal back-link with adjustable spring preload/5.1 in
- **Front Tire**: 120/70x17
- **Rear Tire**: 160/60x17
- **Front Brakes**: Dual 300mm petal-type discs and 2-piston calipers and ABS
- **Rear Brakes**: Single 220mm petal-type disc and single-piston caliper and ABS

### Details
- **Frame Type**: Tubular, Diamond
- **Rake/Trail**: 24.0/3.9
- **Overall Length**: 80.9
- **Overall Width**: 29.1
- **Overall Height**: 45.1
- **Ground Clearance**: 5.1
- **Seat Height**: 31.1
- **Curb Weight**: 423.4 lb**
- **Fuel Capacity**: 4.0 gal
- **Wheelbase**: 55.5
- **Special Features**: TFT Instrumentation
- **Color Choices**: Metallic Spark Black, Pearl Blizzard White
- **Warranty**: 12 Month Limited Warranty
- **Kawasaki Protection Plus™ (optional)**: 12, 24, 36 or 48 months

**Curb weight includes all necessary materials and fluids to operate correctly, full tank of fuel (more than 90 percent capacity) and tool kit (if supplied). When equipped, California evaporative emissions equipment adds approximately 2.2 lb.**

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