

**For Immediate Release**

## 2009 Nissan Frontier Crew Cab Specifications

*Specifications are based on latest product information available at the time of printing*

### **Mechanical**

<b>Engine</b>	
Name	VQ40
Cam design	DOHC
Orientation	Longitudinal
Cylinders / configuration	V6
Block / head composition	Aluminum/aluminum
Displacement (cc)	4.0L (3,954 cc)
Horsepower	261 @ 5600 RPM
Torque (lb-ft)	281 @ 4000 RPM
Bore & stroke (mm)	95.5 x 92
Compression ratio (:1)	9.7
Spark plugs	Platinum-tipped
Maximum engine speed	6,000 rpm
Induction system	Nissan Induction Control System
Valvetrain	DOHC 24-valve, silent chain, two-stage, 4 valves per cylinder
Engine mounts	4 solid (non-fluid filled) mounts
Emissions system	LEV2-ULEV Tier2 Bin5
Exhaust	Single exit & main muffler

### **Electrical**

Ignition system	Electronic (direct ignition)
Starter	12 volt
Alternator	110 amps
Battery	GR24F-550

### **Trans & Drive System**

System	4x2			4x4		
	SE	LE	PRO-4X	SE	LE	PRO-4X
Drive configuration	2WD and 4WD					
6-speed M/T	S	-	-	S	-	-
5-speed A/T	O	S	S	O	S	S

Gear ratio	6-speed M/T	5-speed A/T
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1 <sup>st</sup>	4.368			3.842		
2 <sup>nd</sup>	2.518			2.353		
3 <sup>rd</sup>	1.743			1.529		
4 <sup>th</sup>	1.283			1.000		
5 <sup>th</sup>	1.000			0.839		
6 <sup>th</sup>	0.769			-		
Reverse	3.966			2.764		
Final drive ratio (:1)	3.538 (M/T) 3.133 (A/T)	- 3.133 (A/T)	- 3.133 (A/T)	3.692 (M/T) 3.357 (A/T)	- 3.357 (A/T)	- 3.357 (A/T)
Rear axle						
Dana 44 M/T	S	-		S	-	
A/T	-	S		-	S	
C200 M/T	-					
A/T	S	-		S	-	
Transfer case	-			Rotary switch for part-time 4WD		
4WD High	-					
Low	-			2.625		
Crawl ratio (MT/AT)	-			42.33/ 33.86	- / 33.86	- / 33.86
Electric Rear Locking Differential	-		S	-		S

Braking System	4x2			4x4		
	SE	LE	PRO-4X	SE	LE	PRO-4X
Front (mm)	296 x 28, 2-piston vented disc					
Rear (mm)	286 x 18, single piston vented disc					
Electronic Brake force Distribution	S					
Vehicle Dynamic Control	-			O (A/T only)		
2-wheel limited slip	O	S		-		
4-wheel limited slip	-			O		S
4-wheel ABS	S					
Parking brake	Center lever					

Steering	4x2			4x4		
	SE	LE	PRO-4X	SE	LE	PRO-4X
Type	Engine speed-sensitive power rack-and-pinion					
Overall ratio (:1)	20.4					
Turns (lock-to-lock)	3.55					
Curb-to-curb turning diameter (ft.)	43.58			43.33		
Steering wheel	Urethane	Leather		Urethane	Leather	

Steering-wheel mounted audio controls	-	O	-	O
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Suspension	4x2			4x4		
	SE	LE	PRO-4X	SE	LE	PRO-4X
Front	Independent					
Bilstein shocks	-		S	-		S
Stabilizer bar	S					
Rear	Overslung multi-leaf					
Bilstein shocks	-		S	-		S

Body/ Chassis	4x2			4x4		
	SE	LE	PRO-4X	SE	LE	PRO-4X
Type	Body on frame (ladder type)					
Materials	Corrosion resistant, high strength steel					
Skid plates	-		Oil pan, fuel tank	-		Oil pan, transfer case, fuel tank
Tow hitch	O S	Receiver hitch member				
		Hitch ball provision on rear bumper				
Front tow hook	S					
Rear door	90-degree access					

**Exterior**

Wheels	4x2			4x4		
	SE	LE	PRO-4X	SE	LE	PRO-4X
16-inch Designed steel	S	-		S	-	
16-inch Alloy	O, S (Long Bed)	-		O, S (Long Bed)	-	
18-inch Alloy	-	S	-	S	-	
16-inch Off-road design alloy	-		S	-		S
7.5JJ inches wide	-	S	-	S	-	
7JJ inches wide	S	-	S	-		S

Tires	4x2			4x4		
	SE	LE	PRO-4X	SE	LE	PRO-4X
P265/70R16 BFG Long Trail	S	-		S	-	
P265/60R18 BFG Long Trail	-	S	-	S	-	
P265/75R16 BFG Rugged Trail	-		S	-		S
Spare tire	Conventional					

<b>Lights</b>	<b>4x2</b>			<b>4x4</b>		
	<b>SE</b>	<b>LE</b>	<b>PRO-4X</b>	<b>SE</b>	<b>LE</b>	<b>PRO-4X</b>
Headlights	Halogen					
Auto on/off	-	S	-	S	-	-
Center high mount stop lamp	S					
Front fog lamps	-	S	-	S	-	-

<b>Exterior Features</b>	<b>4x2</b>			<b>4x4</b>		
	<b>SE</b>	<b>LE</b>	<b>PRO-4X</b>	<b>SE</b>	<b>LE</b>	<b>PRO-4X</b>
Outside mirrors	Folding					
	Black	Chrome	Body color	Black	Chrome	Body color
	Optional power adjustment	Standard power adjustment		Optional power adjustment	Standard power adjustment	
	-	Optional heat		-	Optional heat	
Front bumper	Chrome		Body color	Chrome		Body color
Rear bumper	Chrome		Body color	Chrome		Body color
Grille	Chrome frame		Body color	Chrome frame		Body color
Body side moldings	-	Body color	-	Body color	-	-
Door handles	Black	Chrome	Body color	Black	Chrome	Body color
Mud guards	-		S			
Side step	-	Tubular	-	Tubular	-	-

<b>Bed</b>	<b>4x2</b>			<b>4x4</b>		
	<b>SE</b>	<b>LE</b>	<b>PRO-4X</b>	<b>SE</b>	<b>LE</b>	<b>PRO-4X</b>
Long Bed	O		-	O		-
Spray-on bedliner	S					
Utili-track™ C-channel system	S					
Tie-down cleats	S					
Tailgate	Detachable, w/lock					

<b>Roof</b>	<b>4x2</b>			<b>4x4</b>		
	<b>SE</b>	<b>LE</b>	<b>PRO-4X</b>	<b>SE</b>	<b>LE</b>	<b>PRO-4X</b>
Moonroof	O, power tilt and slide					
Roof rack	-	S	O	-	S	O
Cross bars	-	S	O	-	S	O

### **Interior**

<b>Seating</b>	<b>4x2</b>	<b>4x4</b>
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	SE	LE	PRO-4X	SE	LE	PRO-4X
Capacity	5					
Material	Cloth	Cloth, available Leather		Cloth	Cloth, available Leather	
Front seats	Bucket seats w/ center console, fold-flat passenger seat					
	-	Driver's height and lumbar adjustment		-	Driver's height and lumbar adjustment	
	-	Standard 8-way power driver's seat, available 4-way power passenger's seat, heated front seats	Available 8-way power driver's seat, 4-way power passenger's seat, heated front seats	-	Standard 8-way power driver's seat, available 4-way power passenger's seat, heated front seats	Available 8-way power driver's seat, 4-way power passenger's seat, heated front seats
Active Head Restraints						
Rear seats	60/40 split back cushion flip-up w/ adjustable headrests					
	-	Optional fold-down rear center armrest		-	Optional fold-down rear center armrest	

Audio	4x2			4x4		
	SE	LE	PRO-4X	SE	LE	PRO-4X
2DIN AM/FM/CD	S					
2DIN AM/FM/6CD Rockford Fosgate®	-		0	-		0
WMA/MP3 capability	-		0	-		0
AUX-IN jack	-		0	-		0
XM® Satellite Radio pre-wiring	-		0	-		0
Bluetooth® Hands-Free Phone System	-		0	-		0
Speakers	Front door x 2, rear door x 2, tweeters x 2					
	-	Optional subwoofer		-	Optional subwoofer	

## Instrumentation

Meters/Gauges (Analog)	Speedometer Tachometer Fuel Level Coolant Temp Oil Pressure Volt Meter Digital Odometer Trip Odometer Dual Clock
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<b>Convenience Features</b>	<b>SE</b>	<b>4x2 LE</b>	<b>PRO-4X</b>	<b>SE</b>	<b>4x4 LE</b>	<b>PRO-4X</b>
Cruise control (ASCD)	O		S	O		S
Power windows w/ driver auto-down	O		S	O		S
Power door locks	O		S	O		S
Remote Keyless Entry (RKE)	O		S	O		S
Remote release	Hood					
First aid kit	-		S	-		S
Storage	Removable rear under seat storage w/lid, dual glove box, lower glove box w/lock, center console box, instrument cluster upper tray, front door pocket and bottle holder, rear door pocket, front console storage w/lid, drivers seat back pocket, sunglass holder					
Cup holders	2 in front console w/rubber inserts, 2 in rear console					
Driver's seat front seat back pocket	S					
12-volt power outlet	1 on instrument panel, 1 in center console					
Inside mirror	LE - w/outside temperature gauge, digital compass, Universal Garage Door Opener (UGDO) and auto day/night					

### **Safety and Security**

<b>Passenger Restraint Systems</b>	
Air bags	Driver & passenger w/ Nissan Advanced Air Bag System (AABS); Optional air bags: curtain side impact supplemental, side supplemental
Seatbelts	Front: 3-point height adjustable with pretensioners and load limiters Rear 3-point outboard w/AELR
Impact system	Side-door guard beams, energy-absorbing steering column, front crumple zones

<b>Security</b>	
Immobilizer	S
VSS	Optional on SE; standard on LE, PRO-4X

### Dimensions

Weights		4x2			4x4		
		SE	LE	PRO-4X	SE	LE	PRO-4X
Curb weight (lbs)	M/T	4,259	-	-	4,440	-	-
	A/T	4,274	4,279	4,276	4,456	4,488	4,461
	M/T Long Bed	4,314	-	-	4,529	-	-
	A/T Long Bed	4,329	4,371	-	4,544	4,587	-
Weight Distribution	M/T	55/45	-	-	57/43	-	-
	A/T	55/45	55/45	55/45	57/43	56/44	57/43
	M/T Long Bed	54/46	-	-	56/44	-	-
	A/T Long Bed	54/46	54/46	-	56/44	56/44	-
GVWR (lbs)	M/T	5,690	-	-	5,666	-	-
	A/T	5,730	5,730	5,600	5,816	5,816	5,600
Max payload	M/T	1,419	-	-	1,214	-	-
	A/T	1,437	1,425	1,312	1,348	1,316	1,127
	M/T Long Bed	1,364	-	-	1,125	-	-
	A/T Long Bed	1,389	1,346	-	1,259	1,216	-

Exterior (Inches)	4x2			4x4		
	SE	LE	PRO-4X	SE	LE	PRO-4X
Overall length	205.5 (Standard) / 219.4 (Long Bed)					
Overall width	72.8					
Overall height	70.1 (w/o roof rack), 73.9 (w/ roof rack)					
Front overhang	31.3					
Rear overhang	48.2					
Tread width FR	61.8					
Tread width RR	61.8					
Ground clearance	9.8 at rear differential 8.6 minimum running			10.1 at rear differential 8.9 at front differential 8.9 minimum running		

Bed Dimensions (Inches)	
Length	59.5 (Standard)/73.3 (Long Bed)
Width	58.8 at tailgate 61.4 at C-channel 44.4 between wheel wells
Depth	18.0
Cargo bed volume	27.1 cu. ft. (Standard)/33.5 cu. ft. (Long Bed)

Off-Road Specs (Degrees)	4x2			4x4		
	SE	LE	PRO-4X	SE	LE	PRO-4X
Approach angle	30.5			31.5		32.6
Departure angle	22.1			22.6		23.3
Ramp over angle	19.8			19.5	20.6	

<b>Interior Dimensions (Inches)</b>	
1 <sup>st</sup> row	
Head room	40.0
Shoulder room	58.3
Hip room	55.6
Leg room	42.4
2 <sup>nd</sup> row	
Head room	38.7
Shoulder room	58.3
Hip room	58.0
Leg room	33.6
Interior volume	
1 <sup>st</sup> row	57.2 cu. ft.
2 <sup>nd</sup> row	38.8 cu. ft.
Total volume	101.1 cu. ft.

<b>Step-In Height (Inches)</b>	
1 <sup>st</sup> row	19.8
2 <sup>nd</sup> row	20.6
Hip point to outer sill	16.8

### **Capacities**

<b>Load Rating</b>	
Utility cleat	200 lbs
Roof rack	125 lbs

<b>Towing</b>	<b>4x2</b>			<b>4x4</b>		
	<b>SE</b>	<b>LE</b>	<b>PRO-4X</b>	<b>SE</b>	<b>LE</b>	<b>PRO-4X</b>
Maximum capacity	6,300			6,100		
Tongue load	630			610		
GCWR	11,133					

<b>Fuel Economy (EPA estimated)</b>	<b>4x2</b>			<b>4x4</b>		
	<b>SE</b>	<b>LE</b>	<b>PRO-4X</b>	<b>SE</b>	<b>LE</b>	<b>PRO-4X</b>
City MT/AT (mpg)	16/15	-/15	-/15	15/14	-/14	-/14
Highway MT/AT (mpg)	20/20	-/20	-/20	19/19	-/19	-/19
Recommended fuel	Regular unleaded (Premium unleaded on LE 4x4 Long Bed model)					

<b>Options</b>	<b>SE</b>	<b>LE</b>	<b>PRO-4X</b>
<b>Side &amp; Curtain Air Bags</b>	P, requires moonroof package	P, requires moonroof package	P, requires moonroof package
<b>Moonroof Package</b> – Power tilt & slide moonroof	P, requires Value Truck Package	P, 4x2 requires Value Truck Package	P, includes roof rack with cross bars, 4x2 requires Value Truck Package, 4x4 requires Traction Package
<b>SE Value Truck Package</b> – Power windows w/auto down, door locks and outside mirrors, remote keyless entry, cruise control, sliding bed extender (SB only), sliding bed divider (LB only) 16-inch alloy wheels (SB only), 2-wheel/4-wheel limited slip, floor mats, microfilter, Vehicle Security System	P	-	-
<b>Technology Package</b> – Rockford Fosgate AM/FM/6CD in-dash with 8 high performance speakers, subwoofers, steering wheel audio control, XM® Satellite Radio capability, MP3 Capability, Bluetooth® Hands-free Phone System, aux-in jack	-	P	P, requires Moonroof Package
<b>Traction Package</b> – Hill Start Assist (HSA), Hill Descent Control, Vehicle Dynamic Control (VDC)(for 4x4 only)	-	P, plus 4-wheel limited slip (ABLS), requires Side & Curtain Air Bag Package	P, requires Value Truck Package
<b>Active Brake Limited Slip (ABLS)</b> - 2-Wheel Limited Slip (4x2 only)	-	P, requires Side & Curtain Airbags	-
<b>Value Truck Package</b> – Technology Package contents, leather seating surfaces, 8-way power driver's seat (PRO-4X only), 4-way power passenger seat, heated front seats, dual heated outside mirrors and rear center fold-down armrest	-	P, includes Technology Package	P, includes Technology Package

**S** – Standard **A** – Available **O** – Option **P** – Package