

Nikon D7500 Specs

Imaging

Lens Mount	Nikon F
Camera Format	APS-C (1.5x Crop Factor)
Sensor Resolution	Actual: 21.51 Megapixel Effective: 20.9 Megapixel (5568 x 3712)
Maximum Resolution	5568 x 3712
Aspect Ratio	3:2, 16:9
Sensor Type	CMOS
Sensor Size	23.5 x 15.6 mm
Image File Format	JPEG, Raw
Bit Depth	14-Bit
Image Stabilization	Digital

Exposure Control

ISO Sensitivity	Auto, 100 to 51200 (Extended: 50 to 1640000)
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Shutter Speed	1/8000 to 30 Seconds Bulb Mode
Metering Method	Center-Weighted Average, Highlight Weighted, Matrix, Spot
Exposure Modes	Aperture Priority, Auto, Manual, Program, Shutter Priority
Exposure Compensation	-5 to +5 EV (1/3, 1/2 EV Steps)
Metering Range	3 to 20 EV
White Balance	Auto, Cloudy, Color Temperature, Direct Sunlight, Fine, Flash, Fluorescent, Incandescent, Preset Manual, Shade
Continuous Shooting	Up to 8 fps at 20.9 MP for up to 50 Frames (Raw) / 100 Frames (JPEG)
Interval Recording	Yes
Self-Timer	2/5/10/20-Second Delay
Mirror Lock-Up	Yes

Video

Recording Modes	H.264/MOV/MP4 UHD 4K (3840 x 2160) at 23.976p/25p/29.97p Full HD (1920 x 1080) at
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23.976p/25p/29.97p/50p/59.94p
HD (1280 x 720) at 50p/59.94p

External Recording Modes **4:2:2 8-Bit**
UHD 4K (3840 x 2160)

Recording Limit Up to 29 Minutes, 59 Seconds for UHD 4K (3840 x 2160)

Video Encoding NTSC/PAL

Audio Recording Built-In Microphone (Stereo)
External Microphone Input

Audio File Format AAC, Linear PCM

Focus

Focus Type Auto and Manual Focus

Focus Mode Automatic (A), Continuous-Servo AF (C), Manual Focus (M), Single-Servo AF (S)

Autofocus Points Phase Detection: 51 (15 Cross-Type)

Autofocus Sensitivity -3 to +19 EV

Viewfinder and Monitor

Viewfinder Type Optical (Pentaprism)

Viewfinder Eye Point	18.5 mm
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Viewfinder Coverage	100%
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Viewfinder Magnification	Approx. 0.94x
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Diopter Adjustment	-2 to +1
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Size	3.2"
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Resolution	922,000 Dot
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Display Type	Tilting Touchscreen LCD
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Flash

Built-In Flash	Yes
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Flash Modes	Auto, Auto/Red-Eye Reduction, Fill Flash, Off, Rear Curtain/Slow Sync, Rear Sync, Red-Eye Reduction, Slow Sync, Slow Sync/Red-Eye Reduction
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Guide Number	39.37' / 12 m at ISO 100
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Maximum Sync Speed	1/250 Second
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Flash Compensation	-3 to +1 EV (1/3, 1/2 EV Steps)
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Dedicated Flash System	iTTL
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External Flash Connection

Hot Shoe

Interface

Media/Memory Card Slot

Single Slot: SD/SDHC/SDXC (UHS-I)

Connectivity

3.5mm Headphone, 3.5mm Microphone, HDMI C (Mini), Nikon DC2, USB Micro-B (USB 2.0)

Wireless

Wi-Fi
Bluetooth

GPS

No

Environmental

Operating Temperature

32 to 104°F / 0 to 40°C

Operating Humidity

0 to 85%

Physical

Battery

1 x EN-EL15a Rechargeable Lithium-Ion

Dimensions (W x H x D)

5.3 x 4.1 x 2.9" / 135.5 x 104 x 72.5 mm

Weight

1.41 lb / 640 g (Body Only)

Kit Lens

Focal Length	18 to 140mm (35mm Equivalent Focal Length: 27 to 210mm)
Maximum Aperture	f/3.5 to 5.6
Minimum Aperture	f/22 to 38
Angle of View	76° to 11° 30'
Maximum Magnification	0.23x
Minimum Focus Distance	1.48' / 45 cm
Optical Design	17 Elements in 12 Groups
Diaphragm Blades	7, Rounded
Focus Type	Autofocus
Image Stabilization	Yes
Filter Size	67 mm (Front)
Dimensions (ø x L)	3.07 x 3.82" / 78 x 97 mm
Weight	1.08 lb / 490 g

Packaging Info

Package Weight 4.65 lb

Box Dimensions (LxWxH) 11.6 x 8.15 x 5.4"
