

# X-T5



## Five Generations of Technological Evolution

FUJIFILM X-T5	نام مدل
FUJIFILM X mount	لنز
23.5mm x 15.7mm (APS-C) X-Trans CMOS 5 HR with primary color filter	سنسور
40.2 millions pixels	تعداد پیکسل های موثر
Ultra Sonic Vibration	پاک کننده سنسور
X-Processor 5	پروسسور
SD Card (-2GB) / SDHC Card (-32GB) / SDXC Card (-2TB) / UHS-I / UHS-II / Video Speed Class V90	فضای ذخیره سازی
Compliant with Design rule for Camera File system (DCF2.0)	فرمت فایل تصویر
Exif Ver.2.32*1	JPEG
4:2:2 10bit	HEIF
14bit RAW (RAF original format)	RAW
8bit / 16bit RGB (In-camera Raw Conversion Only)	TIFF
<4:3> 6864 x 5152 <3:2> 7728 x 5152 <16:9> 7728 x 4344 <1:1> 5152 x 5152 <5:4> 6432x5152	[L] تعداد پیکسل های
<4:3> 4864 x 3648 <3:2> 5472 x 3648 <16:9> 5472 x 3080 <1:1> 3648 x 3648 <5:4> 4560x3648	[M] ثبت شده
<4:3> 3456 x 2592 <3:2> 3888 x 2592 <16:9> 3888 x 2184 <1:1> 2592 x 2592 <5:4> 3264x2592	[S]
<vertical> 9600 x 2160 <Horizontal> 9600 x 1440	[L] پانوراما
<vertical> 6400 x 2160 <Horizontal> 6400 x 1440	[M]
2.0x / 1.4x / OFF	مبدل تله دیجیتال
Standard Output: AUTO1 / AUTO2 / AUTO3 / ISO125 - 12800 (1/3 step) Extended Output: ISO64 / ISO80 / ISO100 / ISO25600 / ISO51200	Still Image حساسیت
Standard Output: AUTO / ISO125 - 12800 (1/3 step) Extended Output: ISO25600	Movie
TTL 256-zone metering / Multi / Spot / Average / Center Weighted	کنترل نوردهی
P (Program AE) / A (Aperture Priority AE) / S (Shutter Speed Priority AE) / M (Manual Exposure)	حالت های نور دهی
-5.0EV - +5.0EV 1/3EV step	Still جبران نوردهی
-2.0EV - +2.0EV 1/3EV step	Movie
Image sensor shift mechanism with 5-axis compensation	Mechanism لرزشگیر تصویر
7.0 stops *based on CIPA standard *Pitch/yaw shake only *With XF35mmF1.4 R lens mounted	Compensation Effect
Yes (movie mode only)	Digital Image Stabilization
Yes (movie mode only)	IS MODE BOOST

نوع شاتر	
Focal Plane Shutter	
P mode: 30sec. to 1/8000sec. A mode: 30sec. to 1/8000sec. S/M mode: 15min. to 1/8000sec. Bulb: up to 60min.	Mechanical shutter
P mode: 30sec. to 1/180000sec. A mode: 30sec. to 1/180000sec. S/M mode: 15min. to 1/180000sec. Bulb: 1sec. Fixed	Electronic shutter
P mode: 30sec. to 1/8000sec. A mode: 30sec. to 1/8000sec. S/M mode: 15min. to 1/8000sec. Bulb: up to 60min.	Electronic front curtain shutter
P mode: 30sec. to 1/180000sec. A mode: 30sec. to 1/180000sec. S/M mode: 15min. to 1/180000sec. Bulb: up to 60min. *Mechanical shutter works until 1/8000sec.	Mechanical + Electronic shutter
P mode: 30sec. to 1/8000sec. A mode: 30sec. to 1/8000sec. S/M mode: 15min. to 1/8000sec. Bulb: up to 60min. *Electronic front curtain shutter works until 1/2000sec.	E-front + Mechanical shutter
P mode: 30sec. to 1/180000sec. A mode: 30sec. to 1/180000sec. S/M mode: 15min. to 1/180000sec. Bulb: up to 60min. *Electronic front curtain shutter works until 1/2000sec, Mechanical shutter works until 1/8000sec.	E-front + Mechanical + Electronic shutter
6.2K: 1/8000sec. to 1/24 sec. DCI4K/4K: 1/8000sec. to 1/4 sec. FHD: 1/8000sec. to 1/4 sec. *Cannot choose slower shutter speed than framerate for some settings.	Movie
Mechanical shutter: 1/250sec. or slower Electronic shutter: 1/125sec. or slower	Synchronized shutter speed for flash
CH Electronic shutter Approx. 20fps (1.29x Crop) (JPEG 168 frames, Compressed RAW 72 frames, Lossless compressed RAW 41 frames, Uncompressed RAW 23 frames, Compressed RAW + JPEG 37 frames, Lossless compressed RAW + JPEG 31 frames, Uncompressed RAW + JPEG 23 frames) CH Electronic shutter Approx. 13fps (1.29x Crop) (JPEG 1000+ frames, Compressed RAW 104 frames, Lossless compressed RAW 53 frames, Uncompressed RAW 23 frames, Compressed RAW + JPEG 56 frames, Lossless compressed RAW + JPEG 44 frames, Uncompressed RAW + JPEG 23 frames) CH Electronic shutter Approx. 10fps (1.29x Crop) (JPEG 1000+ frames, Compressed RAW 1000+ frames, Lossless compressed RAW 70 frames, Uncompressed RAW 25 frames, Compressed RAW + JPEG 72 frames, Lossless compressed RAW + JPEG 53 frames, Uncompressed RAW + JPEG 23 frames) CH Electronic shutter Approx. 13fps (JPEG 163 frames, Compressed RAW 56 frames, Lossless compressed RAW 29 frames, Uncompressed RAW 22 frames, Compressed RAW+JPEG 32 frames, Lossless compressed RAW+JPEG 26 frames, Uncompressed RAW+JPEG 20 frames) CH Electronic shutter Approx. 8.9fps (JPEG 1000+ frames, Compressed RAW 94 frames, Lossless compressed RAW 40 frames, Uncompressed RAW 23 frames, Compressed RAW+JPEG 45 frames, Lossless compressed RAW+JPEG 30 frames, Uncompressed RAW+JPEG 22 frames) CH Mechanical shutter Approx. 15fps (JPEG 119 frames, Compressed RAW 39 frames, Lossless compressed RAW 22 frames, Uncompressed RAW 19 frames, Compressed RAW+JPEG 27 frames, Lossless compressed RAW+JPEG 21 frames, Uncompressed RAW+JPEG 19 frames) CH Mechanical shutter Approx. 10fps (JPEG 1000+ frames, Compressed RAW 56 frames, Lossless compressed RAW 29 frames, Uncompressed RAW 19 frames, Compressed RAW+JPEG 34 frames, Lossless compressed RAW+JPEG 25 frames, Uncompressed RAW+JPEG 19 frames) CH Mechanical shutter Approx. 7.0fps (JPEG 1000+ frames, Compressed RAW 1000+ frames, Lossless compressed RAW 33 frames, Uncompressed RAW 20 frames, Compressed RAW+JPEG 45 frames, Lossless compressed RAW+JPEG 22 frames, Uncompressed RAW+JPEG 20 frames) Pre-shot Electronic shutter Approx. 20fps (1.29x Crop) (While half press 20 frames, After full press 140 frames) Pre-shot Electronic shutter Approx. 13fps (1.29x Crop) (While half press 13 frames, After full press 300 frames) Pre-shot Electronic shutter Approx. 10fps (1.29x Crop) (While half press 10 frames, After full press 370 frames) Pre-shot Electronic shutter Approx. 13fps (While half press 13 frames, After full press 70 frames) *Recordable frames depends on recording media *Speed of continuous shooting depends on shooting environment and shooting frames	عکاسی پیاپی
2 frames / 3 frames / 5 frames / 7 frames / 9 frames *by 1/3EV step, up to ±3EV steps	AE Bracketing
Any 3 types of film simulation selectable	Film simulation bracketing
100% / 200% / 400%	Dynamic Range Bracketing
±1/3EV / ±2/3EV / ±1EV	ISO sensitivity Bracketing
±1 / ±2 / ±3	White Balance Bracketing
AUTO / MANUAL	Focus Bracketing
Yes (Max. 9 frames) / Additive / Average / Bright / Dark	Multiple Exposure
AUTO / 200% / 400% / 800% / 800% +	HDR Mode
Toy camera / Miniature / Pop color / High-key / Low-key / Dynamic tone / Soft focus / Partial color (Red / Orange / Yellow / Green / Blue / Purple)	Advanced filter
Yes	Pixel Shift Multi Shot
Single AF / Continuous AF / MF	Mode
Intelligent Hybrid AF (TTL contrast AF / TTL phase detection AF)	Type
Contrast: -4.0EV XF50mmF1.0 attached Phase Detection: -7.0EV XF50mmF1.0 attached	Low-light Performance

فوکوس

FUJIFILM

تهران فوکا

Single point AF: 13x9 / 25x17 (Changeable size of AF frame) Zone AF: 3x3 / 5x5 / 7x7 from 117 areas on 13x9 grid Wide/Tracking AF: Yes (AF-S: Wide / AF-C: Tracking) All: Yes	AF frame selection	
Yes	Face/eye detection	
Yes (Animal/Bird/Automobile/Motorcycle&Bike/Airplane/Train)	Subject detection	
Guide Number: approx. 11 (ISO200•m) / approx. 8 (ISO100•m) Sync. Mode: 1st Curtain / 2nd Curtain Flash Mode: TTL (TTL AUTO / STANDARD / SLOW SYNC.) / MANUAL / COMMANDER / OFF	EF-X8	فلاش
Sync. Mode: 1st Curtain / 2nd Curtain / AUTO FP (HSS) Flash Mode: TTL (TTL AUTO / STANDARD / SLOW SYNC.) / MANUAL / MULTI *When EF-X500 is set / OFF	Shoe mount flash	
Sync. Mode: 1st Curtain / 2nd Curtain Flash Mode: MANUAL	Synchronized terminal	
(Dedicated TTL Flash compatible)		نوع فلاش
EVF: 0.5 inch OLED Color Viewfinder, Approx. 3.69 million dots Coverage of Viewing Area vs. Capturing Area: Approx. 100% Eyepoint: Approx. 24mm (from the Rear End of the Camera's Eyepiece) Diopter Adjustment: -5 - +3m-1 Magnification: 0.80x with 50mm Lens (35mm Equivalent) at infinity and Diopter set to -1.0m-1 Diagonal Angle of View: approx. 39° (Horizontal angle of view: approx. 32°) Built-In Eye Sensor		ویزور
3.0 inch Tilt-Type(Three Direction) Touch Screen Color LCD Monitor Aspect Ratio: 3:2 Dots: Approx. 1.84 million dots		نمایشگر
Shooting, AF, Focus Area, OFF, Double Tap Setting (ON/OFF), Touch Function Setting (ON/OFF), Touch Zoom (ON/OFF), EVF Touch Screen Area Setting	Shooting Mode	صفحه لمسی نمایشگر
Swipe, Pinch-in / Pinch-out, Double-tap, Drag	Playback Mode	
MOV: HEVC/H.265, Linear PCM (Stereo sound 24bit / 48KHz sampling) MPEG-4 AVC/H.264, Linear PCM (Stereo sound 24bit / 48KHz sampling) MP4: MPEG-4 AVC/H.264, AAC	File format	ثبت ویدئو
All Intra / Long GOP	Movie compression	
[6.2K(16:9)] 6240 x 3510 29.97p/25p/24p/23.98p 360Mbps/200Mbps/100Mbps/50Mbps [DCI4K HQ(17:9)] 4096 x 2160 29.97p/25p/24p/23.98p 360Mbps/200Mbps/100Mbps/50Mbps [4K HQ(16:9)] 3840 x 2160 29.97p/25p/24p/23.98p 360Mbps/200Mbps/100Mbps/50Mbps [DCI4K(17:9)] 4096 x 2160 59.94p/50p/29.97p/25p/24p/23.98p 360Mbps/200Mbps/100Mbps/50Mbps [4K(16:9)] 3840 x 2160 59.94p/50p/29.97p/25p/24p/23.98p 360Mbps/200Mbps/100Mbps/50Mbps [Full HD(17:9)] 2048 x 1080 59.94p/50p/29.97p/25p/24p/23.98p 360Mbps/200Mbps/100Mbps/50Mbps [Full HD(16:9)] 1920 x 1080 59.94p/50p/29.97p/25p/24p/23.98p 360Mbps/200Mbps/100Mbps/50Mbps [Full HD(17:9) High speed rec.] 2048 x 1080 240p/200p/120p/100p 360Mbps(recording)/200Mbps(recording) [Full HD(16:9) High speed rec.] 1920 x 1080 240p/200p/120p/100p 360Mbps(recording)/200Mbps(recording) *For recording movies, use a SD memory card with UHS Speed Class 3 or higher. *For recording movies in 360Mbps, use a SD memory card with Video Speed Class 60 or higher. *Selectable bitrate will be changed depends on the setting. *Recording time can become short depending on the temperature and/or shooting conditions	File size Frame rate Bitrate	
19 modes (PROVIA/Standard, Velvia/Vivid, ASTIA/Soft, Classic Chrome, PRO Neg.Hi, PRO Neg.Std, Classic Neg., Nostalgic Neg., ETERNA/Cinema, ETERNA BLEACH BYPASS, ACROS, ACROS + Ye Filter, ACROS + R Filter, ACROS + G Filter, Black & White, Black & White + Ye Filter, Black & White + R Filter, Black & White + G Filter, Sepia)		شبیه ساز فیلم
Yes		Monochromatic Color
STRONG, WEAK, OFF	Roughness	Grain Effect
LARGE, SMALL	Size	
STRONG, WEAK, OFF		Color Chrome Effect
STRONG, WEAK, OFF		Color chrome Blue
STRONG, WEAK, OFF		Smooth Skin Effect
AUTO / 100% / 200% / 400% ISO restriction: DR100%: No limit, DR200%: ISO250 or more, DR400%: ISO500 or more	Still	Dynamic range setting
100% / 200% / 400% ISO restriction: DR100%: No limit, DR200%: ISO250 or more, DR400%: ISO500 or more	Movie	
White Priority / Auto / Ambience Priority	Auto	وایت بالانس
Custom1 - 3	Custom	
2500K - 10000K	Color temperature selection	

Daylight / Shade / Fluorescent Light-1 / Fluorescent Light-2 / Fluorescent Light-3 / Incandescent Light / Underwater	Preset	
±5 steps		تنظیمات clarity
10sec	Still	سلف تایمر
10sec. / 5sec. / 3sec.	Movie	
Yes (Setting : Interval, Number of shots, Starting time, Interval timer shooting)		تایم لپس
IEEE802.11a/b/g/n/ac (standard wireless protocol)	Standard	اتصال بی سیم
WPA/WPA2 mixed mode, WPA3	Encryption	
Infrastructure	Access mode	
Bluetooth Ver. 4.2 (Bluetooth low energy)	Standard	بلوتوث
2402 - 2480MHz	Operating frequency (Center frequency)	
USB Type-C (USB3.2 Gen2x1)	Digital interface	ورودی خروجی
HDMI Micro connector (Type D)	HDMI output	
ø3.5mm, stereo mini connector (Microphone) ø2.5mm, Remote Release Connector Hot shoe Synchronized terminal	Others	
NP-W235 Li-ion battery (included)		پاور
Economy Mode: Approx. 740 frames Normal Mode: Approx. 580 frames *When XF35mmF1.4 R is se	Battery life for still images*2	
6.2K: Approx. 90min. (29.97p) 4K: Approx. 80min. (59.94p) Full HD: Approx. 90min. (59.94p), Approx. 100min. (120P) *Face detection is set to OF	Actual battery life of movie capture*2	
6.2K: Approx. 130min. (29.97p) 4K: Approx. 130min. (59.94p) Full HD: Approx. 150min. (59.94p) *Face detection is set to OFF	Continuance battery life of movie capture*2	
Width: 129.5mm Height: 91mm Depth: 63.8mm (Minimum Depth: 37.9mm)		ابعاد
including battery and memory card: Approx. 557g excluding battery and memory card: Approx. 476g		وزن
-10 . - +40 .	Operating Temperature	شرایط محیطی مناسب عملکرد دوربین
10% - 80% (no condensation)	Operating Humidity	
Approx. 0.49sec.		زمان شروع کار
Li-ion battery NP-W235 AC power adapter AC-5VJ Plug adapter USB cable Headphone adapter Shoulder strap Body cap Hot shoe cover Sync terminal cover Owner's manua		لوازم جانبی

## Media Rec (SD memory card)

کیفیت	سایز	فریم بر ثانیه	فرمت فایل	بیت بر ثانیه	عمق رنگ	خروجی HDMI	بزرگنمایی	
							DIS ON	DIS OFF
6.2K 16:9	6240 x 3510	29.97p 25.00p 24.00p 23.98p	H.265 All-Intra 4:2:2 MOV H.265 All-Intra 4:2:0 MOV	360Mbps	10bit	FHD 4:2:2 10bit (When H.265 All-Intra 4:2:2 MOV selected)*2 4K 4:2:2 10bit (When H.265 All-Intra 4:2:0 MOV selected)*2	Not possible	1.23x
			H.265 Long GOP 4:2:2 MOV H.265 Long GOP 4:2:0 MOV	360Mbps 200Mbps 100Mbps 50Mbps		FHD 4:2:2 10bit (When H.265 Long GOP 4:2:2 MOV selected)*2 4K 4:2:2 10bit (When H.265 Long GOP 4:2:0 MOV selected)*2	Not possible	1.23x
DCI4K HQ 17:9 4K HQ 16:9	4096 x 2160 3840 x 2160	29.97p 25.00p 24.00p 23.98p	H.265 All-Intra 4:2:2 MOV H.265 All-Intra 4:2:0 MOV	360Mbps	10bit	DCI4K/4K 4:2:2 10bit	Not possible	1.23x
			H.265 Long GOP 4:2:2 MOV H.265 Long GOP 4:2:0 MOV	360Mbps 200Mbps 100Mbps 50Mbps			Not possible	1.23x
			H.264 All-Intra 4:2:0 MOV	360Mbps	8bit	DCI4K/4K 4:2:2 8bit	Not possible	1.23x
			H.264 Long GOP 4:2:0 MOV H.264 Long GOP 4:2:0 MP4	360Mbps 200Mbps 100Mbps 50Mbps			Not possible	1.23x
DCI4K 17:9 4K 16:9	4096 x 2160 3840 x 2160	59.94p 50.00p 29.97p 25.00p 24.00p 23.98p	H.265 All-Intra 4:2:2 MOV H.265 All-Intra 4:2:0 MOV	360Mbps	10bit	DCI4K/4K 4:2:2 8bit	1.1x	59.94p/50.00p:1.14x 29.97p/25.00p/24.00p/23.98p:1.0x
			H.265 Long GOP 4:2:2 MOV H.265 Long GOP 4:2:0 MO	360Mbps 200Mbps 100Mbps 50Mbps			1.1x	59.94p/50.00p:1.14x 29.97p/25.00p/24.00p/23.98p:1.0x
			H.264 All-Intra 4:2:0 MOV	360Mbps	8bit	DCI4K/4K 4:2:2 8bit	1.1x	59.94p/50.00p:1.14x 29.97p/25.00p/24.00p/23.98p:1.0x
			H.265 Long GOP 4:2:2 MOV H.265 Long GOP 4:2:0 MO	360Mbps 200Mbps 100Mbps 50Mbps			1.1x	59.94p/50.00p:1.14x 29.97p/25.00p/24.00p/23.98p:1.0x
FHD 17:9 FHD 16:9	2048 x 1080 1920 x 1080	59.94p 50.00p 29.97p 25.00p 24.00p 23.98p	H.265 All-Intra 4:2:2 MOV H.265 All-Intra 4:2:0 MOV	360Mbps	10bit	FHD 4:2:2 10bit*3	1.1x	59.94p/50.00p:1.14x 29.97p/25.00p/24.00p/23.98p:1.0x
			H.265 Long GOP 4:2:2 MOV H.265 Long GOP 4:2:0 MOV	360Mbps 200Mbps 100Mbps 50Mbps			1.1x	59.94p/50.00p:1.14x 29.97p/25.00p/24.00p/23.98p:1.0x
			H.264 All-Intra 4:2:0 MOV	360Mbps	8bit	FHD 4:2:2 8bit*3	1.1x	59.94p/50.00p:1.14x 29.97p/25.00p/24.00p/23.98p:1.0x
			H.264 Long GOP 4:2:0 MOV H.264 Long GOP 4:2:0 MP4	360Mbps 200Mbps 100Mbps 50Mbps			1.1x	59.94p/50.00p:1.14x 29.97p/25.00p/24.00p/23.98p:1.0x

High speed FHD 17:9 FHD 16:9	2048 x 1080 1920 x 1080	240fps(4x/8x/10x) 200fps(4x/8x) 120p (2x/4x/5x) 100p (2x/4x)	H.265 All-Intra 4:2:2 MOV H.265 All-Intra 4:2:0 MOV	360Mbps (when recording)	10bit	FHD(59.94p) 4:2:2 10bit*4	Not possible	1.29x
			H.265 Long GOP 4:2:2 MOV H.265 Long GOP 4:2:0 MOV	360Mbps (when recording) 200Mbps (when recording)				
			H.264 All-Intra 4:2:0 MOV	360Mbps (when recording)	8bit	FHD(59.94p) 4:2:2 8bit*6		
			H.264 Long GOP 4:2:0 MOV H.264 Long GOP 4:2:0 MP4	360Mbps (when recording) 200Mbps (when recording)				

## خروجی HDMI

کیفیت	سایز	فریم بر ثانیه	خروجی HDMI رزولوشن / Sampling / عمق رنگ	بزرگنمایی	
				DIS ON	DIS OFF
6.2K 16:9	6240 x 3510	29.97p 25.00p 24.00p 23.98p	FHD 4:2:2 10bit*2	Not possible	1.23x
DCI4K HQ 17:9 4K HQ 16:9	4096 x 2160 3840 x 2160	29.97p 25.00p 24.00p 23.98p	DCI4K/4K 4:2:2 10bit	Not possible	1.23x
DCI4K 17:9 4K 16:9	4096 x 2160 3840 x 2160	59.94p 50.00p 29.97p 25.00p 24.00p 23.98p	DCI4K/4K 4:2:2 10bit	1.1x	59.94p/50.00p:1.14x 29.97p/25.00p/24.00p/23.98p:1.0x
FHD 17:9 FHD 16:9	2048 x 1080 1920 x 1080	59.94p 50.00p 29.97p 25.00p 24.00p 23.98p	FHD 4:2:2 10bit *3	1.1x	59.94p/50.00p:1.14x 29.97p/25.00p/24.00p/23.98p:1.0x

## خروجی HDMI مخصوص فیلمبرداری اسلوموشن

کیفیت	سایز	فریم بر ثانیه	خروجی HDMI رزولوشن / Sampling / عمق رنگ	بزرگنمایی	
				DIS ON	DIS OFF
FHD 16:9	1920 x 1080	120p 100p	FHD(120p/100p) 4:2:2 10bit	Not possible	1.23x

## خروجی HDMI مخصوص فایل RAW

کیفیت	سایز	فریم بر ثانیه	بزرگنمایی	
			DIS ON	DIS OFF
6.2K 16:9	6240 x 3512	29.97p 25.00p 24.00p 23.98p	Not possible	1.23x

