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## ZU820TST

Ultra bright professional installation laser projector



- 8200 lumen DuraCore laser projector Ultra bright for immersive installations
- Full motorised lens shift Ideal for a simple set-up
- Large zoom range Motorised zoom expands placement opportunities
- DuraCore laser technology Delivers 30,000 hours of virtually maintenance-free operation

At 8200 lumens with 4K and HDR compatibility, the ZU820TST features a dust-resistant IP5X certified optical engine for 24/7 operation capabilities, offering true maintenance-free projection for up to 30,000 hours of powerful performance in Eco mode. Other features include motorised zoom and focus, full motorised lens shift, and built-in dual 10W speakers.



High brightness, colour precision and quiet operation, alongside a 1.26x zoom, make this projector the ideal solution for a variety of enduser scenarios and professional environments, such as simulation, edge-blending and projection mapping, and immersive installations.

## **Specifications**

UPC: 796435 44 628 4, EAN: 5055387666672, Colour: Black	
	55387666672, Colour: Black
Display/image	
Display technology	
Resolution	WUXGA (1920x1200)
Brightness	8.200 lumens
ANSI brightness	6.900
Contrast ratio	3.000.000:1
Contrast ratio - full on/off	1.100:1
Native aspect ratio	16:10
Aspect ratio - compatible	4:3,16:9,16:10
Keystone correction -	30°
norizontal	
Keystone correction - vertical	15°
Displayable colours (millions)	1073.4
Jniformity	95%
Screen size	1.27m ~ 7.62m (50" ~ 300") diagonal
	Alexini - Alozini (oo - 000 ) diagonar
amp info	Looor
Light source type	Laser
ASER life	30.000 hours
Optical	
Throw ratio	0.75:1 ~ 0.95:1
Projection distance (m)	0.79m - 6.21m
loom	1.26
loom type	Motorised
Focal length (mm)	11.11 ~ 14.16
ens shift	Vertical: +/-50%, Horizontal: +/-15%
ens shift	Yes - {{downloads link}}
Connectivity	((
Connections	Investe 1 v. UDDeseT 1 v. UDMI 0 0, 1 v. UDMI 1 4s 0D
Johneodona	Inputs 1 x HDBaseT, 1 x HDMI 2.0, 1 x HDMI 1.4a 3D
	support, 1 x VGA, 1 x 3D sync, 1 x Audio 3.5mm
	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A,
	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x Audio 3.5mm
	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x
	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x Audio 3.5mm
AN - wireless networking	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x
	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232
aeneral	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232
General Noise level (typical)	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No
<b>General</b> loise level (typical) loise level (max)	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A 1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB
<b>General</b> Joise level (typical) Joise level (max) JD	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A 1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D
<b>General</b> Joise level (typical) Joise level (max) 9D Security	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock
General Noise level (typical) Noise level (max) SD Security P rating	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock IP5X
<b>General</b> Joise level (typical) Joise level (max) JD Security P rating	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock IP5X 10 languages: English, French, German, Italian, Portuguese,
General Noise level (typical) Noise level (max) ND Security P rating DSD / display languages	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock IP5X 10 languages: English, French, German, Italian, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional)
<b>General</b> loise level (typical) loise level (max) D Becurity P rating JSD / display languages 4/7 operation	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock IP5X 10 languages: English, French, German, Italian, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional) Yes
Reneral loise level (typical) loise level (max) D Decurity Prating DSD / display languages 4/7 operation 60° operation	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock IP5X 10 languages: English, French, German, Italian, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional) Yes Yes
General Joise level (typical) Joise level (max) JD D Security P rating DSD / display languages 14/7 operation 160° operation Remote control	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock IP5X 10 languages: English, French, German, Italian, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional) Yes Yes Backlit ProAV remote
Aeneral loise level (typical) loise level (max) D ecurity P rating JSD / display languages 4/7 operation 60° operation temote control	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock IP5X 10 languages: English, French, German, Italian, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional) Yes Yes
Reneral loise level (typical) loise level (max) D becurity P rating DSD / display languages 4/7 operation 60° operation Remote control Speaker count	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock IP5X 10 languages: English, French, German, Italian, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional) Yes Yes Backlit ProAV remote
Aeneral loise level (typical) loise level (max) D Decurity Prating DSD / display languages 4/7 operation 60° operation Remote control speaker count Vatts per speaker	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock IP5X 10 languages: English, French, German, Italian, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional) Yes Yes Backlit ProAV remote 2
Aeneral loise level (typical) loise level (max) D eccurity Prating DSD / display languages 4/7 operation 60° operation Remote control speaker count Vatts per speaker letworking	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock IP5X 10 languages: English, French, German, Italian, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional) Yes Yes Backlit ProAV remote 2
ieneral loise level (typical) loise level (max) D ecurity Prating ISD / display languages 4/7 operation 60° operation lemote control peaker count /atts per speaker letworking AN - wireless networking	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x Audio 3.5mm   Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232   No   34dB   36dB   Full 3D   Security bar, Kensington Lock   IP5X   10 languages: English, French, German, Italian, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional)   Yes   Backlit ProAV remote   2   No
eneral oise level (typical) oise level (max) D ecurity P rating SD / display languages 4/7 operation 50° operation emote control peaker count /atts per speaker etworking AN - wireless networking AN	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A 1 x Audio 3.5mm Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232 No 34dB 36dB Full 3D Security bar, Kensington Lock IP5X 10 languages: English, French, German, Italian, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional) Yes Backlit ProAV remote 2 10W
ieneral oise level (typical) oise level (max) D ecurity P rating SD / display languages 4/7 operation 60° operation emote control peaker count /atts per speaker letworking AN - wireless networking AN	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A   1 x Audio 3.5mm   Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x   RS232   No   34dB   36dB   Full 3D   Security bar, Kensington Lock   IP5X   10 languages: English, French, German, Italian, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional)   Yes   Backlit ProAV remote   2   10W
Aeneral loise level (typical) loise level (max) D ecurity P rating VSD / display languages 4/7 operation 60° operation 60° operation lemote control ispeaker count Vatts per speaker letworking AN - wireless networking AN Power iower supply	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A   1 x Audio 3.5mm   Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x   RS232   No   34dB   36dB   Full 3D   Security bar, Kensington Lock   IP5X   10 languages: English, French, German, Italian, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional)   Yes   Yes   Backlit ProAV remote   2   10W   No   Yes   AC 90 – 264V 50/60 Hz with PFC input
Aeneral   loise level (typical)   loise level (max)   D   becurity   P rating   DSD / display languages   4/7 operation   60° operation   Remote control   ippeaker count   Vatts per speaker   Jetworking   AN   Power   Power consumption (standby)	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x Audio 3.5mm   Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232   No   34dB   36dB   Full 3D   Security bar, Kensington Lock   IP5X   10 languages: English, French, German, Italian, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional)   Yes   Backlit ProAV remote   2   10W   No   Yes   AC 90 – 264V 50/60 Hz with PFC input   0.5W
General   Joise level (typical)   Joise level (max)   JD   Security   P rating   OSD / display languages   14/7 operation   660° operation   Remote control   Speaker count   Vatts per speaker   Jetworking   AN - wireless networking   Yower   Yower consumption (standby)   Yower consumption (min)	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x Audio 3.5mm   Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232   No   34dB   36dB   Full 3D   Security bar, Kensington Lock   IP5X   10 languages: English, French, German, Italian, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional)   Yes   Backlit ProAV remote   2   10W   No   Yes   Backlit ProAV remote   2   00W   No   Yes   Backlit ProAV solv 60 Hz with PFC input   0.5W   260W
General   Joise level (typical)   Joise level (max)   JD   Security   P rating   OSD / display languages   (4/7 operation   (60° operation   Remote control   Speaker count   Vatts per speaker   Jetworking   AN - wireless networking   AN   Power   Power consumption (standby)   Power consumption (min)   Power consumption (max)	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x Audio 3.5mm   Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232   No   34dB   36dB   Full 3D   Security bar, Kensington Lock   IP5X   10 languages: English, French, German, Italian, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional)   Yes   Backlit ProAV remote   2   10W   No   Yes   AC 90 – 264V 50/60 Hz with PFC input   0.5W
Aeneral   Ioise level (typical)   Ioise level (max)   D   becurity   P rating   OSD / display languages   4/7 operation   60° operation   Remote control   iopeaker count   Vatts per speaker   Jetworking   AN - wireless networking   AN   Power   Yower consumption (standby)   Yower consumption (min)   Yower consumption (max)	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x Audio 3.5mm   Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232   No   34dB   36dB   Full 3D   Security bar, Kensington Lock   IP5X   10 languages: English, French, German, Italian, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional)   Yes   Backlit ProAV remote   2   10W   No   Yes   Backlit ProAV remote   2   00W   No   Yes   Backlit ProAV solv 60 Hz with PFC input   0.5W   260W
Aeneral   Ioise level (typical)   Ioise level (max)   D   becurity   P rating   OSD / display languages   4/7 operation   60° operation   Remote control   Speaker count   Vatts per speaker   Jetworking   AN - wireless networking   AN   Yower consumption (standby)   Power consumption (min)   Power consumption (max)   Veight and dimensions	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x Audio 3.5mm   Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232   No   34dB   36dB   Full 3D   Security bar, Kensington Lock   IP5X   10 languages: English, French, German, Italian, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional)   Yes   Backlit ProAV remote   2   10W   No   Yes   Backlit ProAV remote   2   00W   No   Yes   Backlit ProAV solv 60 Hz with PFC input   0.5W   260W
AN - wireless networking General Noise level (typical) Noise level (max) BD Security P rating DSD / display languages 24/7 operation 860° operation 80° operation 8	Outputs 1 x HDMI 2.0, 1 x 3D sync, 1 x USB-A power 1.5A, 1 x Audio 3.5mm   Control 1 x 12V trigger, 1 x Wired remote, 1 x RJ45, 1 x RS232   No   34dB   36dB   Full 3D   Security bar, Kensington Lock   IP5X   10 languages: English, French, German, Italian, Portuguese, Russian, Chinese (simplified), Spanish, Chinese (traditional)   Yes   Backlitt ProAV remote   2   10W   No   Yes   Backlitt ProAV remote   2   0W   No   Yes   AC 90 – 264V 50/60 Hz with PFC input   0.5W   260W   520W







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