Project incredible 7,000 lumens, WUXGA images from several feet away with the next-generation Optoma ProScene ZU720TST, the world’s first fixed lens 7,000 lumens short throw laser projector. The fixed lens design with motorized 1.26x zoom, focus, lens-shift, integrated warping and blending combined with a compact, lightweight chassis provide extreme installation flexibility in auditoriums, large conference rooms, lecture halls, houses of worship and blended multi-projector installs.

The next-generation projector features DuraCore technology, an IP5X-certified optical engine and advanced thermal design for quiet operation with up to 30,000 hours (Eco) of virtually maintenance-free, 24/7, 360° and portrait mode operation. An embedded Android OS ensures quick and easy over-the-air software updates with advanced software functions.

**Advanced Thermal Design**

An efficient thermal design with optimized air flow path aids heat dissipation, resulting in lower fan speeds for cool and quiet operation in a compact chassis.

**Android OS with Media Player**

The embedded Android OS with built-in media player transforms the ProScene ZU720TST into a next-generation all-in-one powerhouse with a modern and user-friendly interface. Integrated media playback enables the projector to function without a video source connected.
**OPTICAL/TECHNICAL SPECIFICATIONS**

- **Display Technology**: Texas Instruments™ 0.67” WUXGA DMD
- **Color Wheel**: 4 segment RGBY
- **Native Resolution**: WUXGA (1920 x 1200)
- **Maximum Input Resolution**: HDMI 2.0: 4K UHD (3840 x 2160) HDMI 1.4: WUXGA (1920 x 1200)
- **Brightness**: 7,000 ANSI lumens
- **Contrast Ratio**: 1,000,000:1 (Extreme Black enabled) 2,000:1 (full on/off)
- **Displayable Colors**: 1.07 billion
- **Light Source Life**: Up to 30,000 hrs (Eco), 20,000 hrs (Normal)
- **Light Source Type**: Laser
- **Projection Method**: 360°, portrait, front, rear, ceiling mount, table top
- **Lens Shift**: ±15% horizontal, ±50% vertical (motorized)
- **Keystone Correction**: ±30° horizontal/vertical
- **Geometry**: Four corner, integrated image warping
- **Uniformity**: 85% (±5%)
- **Offset**: Center lens design
- **Aspect Ratio**: 16:10 (native), 16:9, 4:3, auto compatible
- **Throw Ratio**: 0.75 - 0.95
- **Projection Distance**: 2.7’ - 20.1’ (without zoom)
- **Image Size**: 50” – 300”
- **Projection Lens (focal length)**: 11.11 – 14.16mm
- **Optical Zoom**: 1.26x (motorized)
- **Digital Zoom**: 0.95 - 2.0x
- **Audio**: 2x10W (stereo)
- **Noise Level**: 29dB (Normal), 27dB (Eco)
- **Remote Control**: Full size remote
- **Operating Temperature**: 41°F – 104°F (max); Must manually switch to high altitude mode
- **Power Consumption**: Standby mode: < 0.5W, Eco mode: 320W ±15% @ 110Vac
- **Power Supply**: AC input 100–240V, 50–60Hz, auto-switching
- **High Altitude**: Operating temperature at sea level up to 10,000 feet =

**COMPATIBILITY SPECIFICATIONS**

- **USB Media Player Compatibility**: Videos: 480p, 720p, 1080p, 1440p, 4K UHD HDR Files: MP4, MPEG4, AVI, H.264, WMV Audio: MP3, AAC, WAV Images: JPEG, BMP
- **Computer Compatibility**: VGA, SVGA, HDTV(720P), WXGA, WXGA+, SXGA, SXGA+, UXGA, HDTV(1080p), WUXGA, 4K UHD (24/30/50/60Hz)
- **Video Input Compatibility**: PAL, SECAM, 576i/p, NTSC, 480i/p, HDTV 720p/1080i/1080p, 4K UHD (24/30/50/60Hz)
- **3D Compatibility**: Supports all HDMI 1.4a mandatory 3D formats (Frame pack, side-by-side, top-bottom) and up converts frame rate from 60Hz to 120Hz or 24Hz to 144Hz (i.e. 60 or 72 frames per eye), 3D glasses are needed and sold separately. Refer to user manual for details.
- **Vertical Scan Rate**: 24 - 85 Hz (120 Hz for 1080p 3D feature)
- **Horizontal Scan Rate**: 15,375 – 91,146 KHz
- **User Controls**: Graphic user interface and on-screen menu in 27 languages
- **I/O Connection Ports**: 1x HDMI 2.0 (HDCP 2.2), 1x HDMI 1.4a, 1x HDMI out, 1x HDCP1.2, 1x VGA (YPbPr), 1x 3D sync, 1x 3D sync out, 1x audio (3.5mm), 1x audio power (1.5A), 1x USB Type B (service), 1x 12V trigger
- **Control**: 1x wired IR, 1x RJ-45, 1x RS-232C

**PHYSICAL SPECIFICATIONS**

- **Security**: Kensington® lock port, password (OSD)
- **Weight**: 28 lbs
- **Dimensions (W x H x D)**: 19” x 6” x 15” (doesn’t include feet or lens ring)

---

*Light source life is dependent on brightness mode, display mode, usage, environmental conditions and more. Light source brightness can decrease over time.*

*Watching 3D projection while wearing 3D glasses for an extended period of time may cause headaches or fatigue. If you experience a headache, fatigue or dizziness, stop viewing the 3D projection and rest. Partial orientation must follow the recommended positions. Please consult the user manual for further info.*