

## NEC NP-PX1005QL LASER PROJECTOR REVIEW

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### 1. NEC NP-PX1005QL Laser Projector Review ▼

NEC NP-PX1005QL is a 10,000 lumen, large venue, 4K DLP projector with WQXGA, 3840 x 2160, resolution that can accept a full range of 4K content. This is a commercial/installation class projector with a focus on higher education, corporate, house of worship, and digital signage applications. The NP-PX1005QL uses a laser/phosphor wheel light engine rated at 20,000 hours of life and uses a single DLP to reproduce 4K UHD resolution.

NEC currently offers a total of twelve projector models in its PX-Series lineup. All units in this series utilize DLP chips but resolution varies from WUXGA up to 4K UHD. Brightness ranges from 8,000 lumens delivered by the NP-PX803UL all the way up to 10,000 lumens provided by the NP-PX1005QL.

While there are only three unique chassis, each can be purchased with or without the standard lens and each are also available in both black and white finishes. I reviewed the white finish NP-PX1005QL-W, however an identical version in black is the NP-PX1005QL-B.



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NEC NP-PX1005QL Specs	
Price	\$24,000
Technology	DLP
Native Resolution	3840x2160
Brightness (Manufacturer Claim)	10000
Contrast	10,000:1
Zoom Lens Ratio	N/A
Lens Shift	Yes
Lamp Life	20,000 hours (Laser Light Engine)
Weight	63.9
Warranty	5 Years

## OVERVIEW

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The NP-PX1005QL resolution is 4K UHD WUXGA (3840 x 2160). To provide a crisp and clear picture, the projector accepts 4K content and can reproduce it without having to rely on pixel shifting utilized by most 3LCD projector in its price point.

The NP-PX1005QL has motorized zoom and focus as well as vertical (+50%/ -30%) and horizontal (+20%/ -10%) lens shift. While the NEC NP-PX1005QL does not ship with a lens, for maximum flexibility it is compatible with a total of eight bayonet style lenses which allows for a throw distance range of 1.6ft to 183 ft. For this review NEC provided the NP18ZL-4K which is its standard lens. It is a middle throw zoom lens with a range of 1.71 to 2.25.

Since this is a large venue installation class projector it includes several features you would expect in a higher-end model including edge blending and geometric correction.

The NP-PX1005QL has wired LAN and HDBaseT for running audio, video, and control signals over extremely long distances (up to 100 meters). There's a DVI-D connector, an HDMI 2.2 port for accepting 4K content, several audio inputs and an RS-232c connector for old-school command and control. It also has BNC connectors, a service port and an input for a wired remote control.

## HIGHLIGHTS

- 10,000 lumens
- \$24,000 List Price
- Laser Light Engine – Light engine life of up to 20,000 hours
- WQXGA Resolution (3840 x 2160)

- DLP Technology
- 10,000:1 Contrast Ratio
- Support 4K and HDR (HDCP 2.2)
- Blu-ray UHD compatible
- Vertical and horizontal lens shift provides excellent mounting flexibility
- Lens Memory (10 savable settings)
- User Modes settings (10 savable settings)
- Will work vertically and at any angle
- Split Screen (Picture by picture) capability
- Edge blending and projection mapping abilities
- Extensive Geometric Correction capabilities
- Digital image zoom to enlarge an area of an image up to four times
- Wired and optional wireless networking support along with extensive software support available for control and management of multiple projector installations
- HDBaseT for running HDMI long distances over low cost CAT6
- Integrated support for Crestron Roomview, AMX Beacon and PJ Link allow for complete interactivity and control
- 5-year limited warranty with NEC's InstaCare rapid replacement service included

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