

Laser Projector

NEC P605UL



Super silent yet brilliantly versatile

Innovation grounded in the true needs of the user results in the P605UL, a laser projector that is so silent it goes unnoticed yet for the 6,000 ANSI lumen image projection, perfectly visible in brightly lit spaces. A new standard in silent operation, 19dB in Eco mode is quieter than the ticking of a watch and is unsurpassed by any other installation projector. With 4K@30Hz input processing, comprehensive connectivity and supporting WUXGA resolution, the future-proofed projector delivers an eye-pleasing visual experience.

Install and forget - requiring zero maintenance over its long 20,000 hour life, the completely sealed optical engine and laser light source means filter and lamp replacement is obsolete; paired with a minimal power consumption of just 357W in normal mode, the P605UL ensures low operational costs.

With optional WiFi and embedded MultiPresenter function for wireless presentation and screen sharing, this is the ideal meeting room and classroom tool, but also meets the needs of rental and staging companies and digital signage use cases.

Benefits

No filter service required – a completely sealed optical laser LCD engine allows a filter-free design. Brilliant colour brightness is maintained and servicing costs need no longer feature in your budget.

Low Noise Level – with 19dB, the silent technology will not disturb your meeting.

Future-proof input management – thanks to 4K@30 Hz input processing.

No lamp replacement – up to 20,000 h maintenance free operation possible due to Laser Light Source.

Risk Group 2 – because of the Risk Group 2 compliance, no prescribed safety precautions are necessary.

Specifications

Product Information

Product Name

NEC P605UL

Product Group

Laser Projector

Order Code

60004811

Image

Projection Technology

3LCD Technology

Native Resolution

1920 x 1200
(WUXGA)

Aspect Ratio

16:10

Contrast Ratio

600000:1

Brightness

6000 Lumen (approx. 60% in Eco Mode)

Lamp

Laser Light Source

Light Source Life [hrs]

20000¹

Lens

F= 1.5-2.1, f= 17.2-27.6 mm

Lens shift

H:±29, V:+60,-0

Keystone Correction

+/- 30° manual horizontal / +/- 30° manual vertical

Projection Factor

1.23 – 2 : 1

Projection Distance [m]

0.8 – 13.5

Screen Size (diagonal) [cm] / [inch]

Maximum: 762 / 300"; Minimum: 76.2 / 30"

Zoom

Manual; x1.6

Focus Adjustment

Manual

Supported Resolutions

1920x1200 (Maximum resolution of analog input);	3840 x 2160 (Maximum resolution of digital input);	3840x2160 @ 30hz digital
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Connectivity

RGB (analog)

Input: 1 x Mini D-sub 15 pin

Digital

Input: 1 x HDBaseT; 2 x HDMI™ supporting HDCP

Audio

Input: 1 x 3.5 mm Stereo Mini Jack for Computer analog; 2 x HDMI audio

Output: 1 x 3.5 mm Stereo Mini Jack (variable)

Control

Input: 1 x D-Sub 9 pin (RS-232) (male)

LAN

1 x RJ45; Optional WLAN

USB

1 x Type B (for Service); 1x Type A (USB 2.0 high speed) with 2.0A Power Supply; 1x Type A (W-LAN Dongle)

Video Signals

NTSC 3.58; NTSC 4.43; PAL; PAL-M; PAL-N; PAL60; SECAM

Remote Control

Remote Control

Aspect Ratio; Audio Control; Auto Adjust; Eco Mode Control; Freeze-function; Help-function; ID set; Keystone Correction; Magnify-function; Page (up, down); Picture Adjust; Picture Mute; Power (On-OFF); Presentation and Mouse Control; Select (up, down, left, right); Source Select

Electrical

Power Supply

100-240 V AC; 50 - 60 Hz

Power Consumption [W]

357 (Normal) / 257 (Eco) / 1.6 (Network Stand-by) / 0.3 (Stand-by)

Mechanical

Dimensions (W x H x D) [mm]

480 x 122 x 407 (without lens and feet)

Weight [kg]

9.7

Fan Noise [dB (A)]

19 / 25 / 28 (ECO / Normal / High Bright)

Colour Versions

White

Environmental Conditions

Operating Temperature [°C]

5 to 40

Operating Humidity [%]

20 to 80

Storage Temperature [°C]

-10 to 50

Storage Humidity [%]

20 to 80

Ergonomics

Safety and Ergonomics

CE; EAC; ErP; RoHS; TUEV Type Approved; TÜV GS

Speakers [W]

1 x 20 (mono)

Additional Features

Special Characteristics

Auto Power ON/OFF; Carbon Savings Meter; Constant Brightness Mode; Control ID Function; DICOM simulation; Direct Power-Off Function; Free Tilt; HDBaseT; Help Function; HTTP Browser Control; Kensington security slot; Keypad Lock; Light Source Adjustment; Magnify; Mouse Control with USB Display; MultiPresenter Function; NaViSet Administrator 2; Optional User Logo; OSD with 30 languages; Password Security System; Plug&Play W-LAN Option; Portrait Setting; Quick Start; Source Select with Beep Function; Test Pattern; Unique Power Saving Functions; USB Viewer; Virtual Remote for direct PC control

Green Features

Ecological Materials

Downloadable manuals; ECO packaging

Ecological Standards

ErP compliant; RoHS compliant

Warranty

Projectors

3 years pan-European service

Light Source

3 years or 10000h (whatever comes first)

Shipping Content

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2x AAA Batteries; IR Remote Control (477E); Mini D-SUB Signal Cable (1.8 m); Power Cord (1.8 m); Projector; Quick Setup Guide; Security Sticker; Users Manual; Utility software

Optional Accessories

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Universal Ceiling Mounts (PJ01UCM, PJ02UCMPF); Wireless LAN module (NP05LM2; NP05LM4; NP05LM5)

¹ 50% of initial brightness at the end of specified laser life time at 25 degree ambient temperature.

* This product has been equipped with a laser module and is classified as Class1 of IEC60825-1 Ed3 2014 and is classified as RG2 of IEC62471-5 Ed1 2015.
DO NOT LOOK DIRECTLY INTO THE BEAM.



TÜV GS



RoHS



ErP



CE



TUEV Type Approved

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