

NEC P547UL
Laser Projector

Datasheet



Visible yet noiseless - bringing a sense of calm to your meeting spaces

Scalable visualisation has never been so silent. With an outstandingly low noise level of just 22dB (ECO mode), the P547UL is quieter than the ticking of a watch.

Thanks to the completely sealed engine, this laser projector is filter-free meaning 20,000 hours of maintenance-free operation. Comprehensive connectivity and optional WiFi provide the utmost flexibility and time saving operation. The enhanced embedded MultiPresenter functionality enables wireless presentation and screen sharing for up to 16 devices simultaneously, out of the box to your meeting room. The technology is future-proof with the capability of processing 4K inputs at 30Hz. Bringing the future of projection to your meeting room has never been easier, quieter and as low maintenance than with the NEC P547UL.

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 22dB, the silent technology will not disturb your meeting.

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.

Professional and Flexible Installation - versatile projection characteristics allow for simple positioning of the projector, making installation easy and potentially saving set up costs.

Product Information

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|---------------|-----------------|
| Product Name | NEC P547UL |
| Product Group | Laser Projector |
| Order Code | 60005761 |

Image

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|--------------------------------------|---|
| Projection Technology | 3LCD Technology |
| Native Resolution | 1920 x 1200 (WUXGA) |
| Aspect Ratio | 16:10 |
| Contrast Ratio ¹ | 500000:1 |
| Brightness ¹ | 5400 ANSI Lumen (approx. 60% in Eco Mode) |
| Lamp | Laser Light Source |
| Light Source Life [hrs] | 20000 ² |
| Lens | F= 1.5-2.1, f= 17.2-27.7 mm |
| Lens shift | Up to H:±29, V:+60,-0 |
| Keystone correction | +/- 30° manual horizontal / +/- 30° manual vertical |
| Projection Factor | 1.23 - 2 : 1 |
| Projection Distance [m] | 0.8 - 12.9 |
| 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 |

Connectivity

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| 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) |
| 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; PAL60 |

Remote Control

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

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| Power Consumption [W] | 293 (Normal) / 220 (Eco) / 1.6 (Network Stand-by) / 0.3 (Stand-by) |
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Mechanical

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| Dimensions (W x H x D) [mm] | 480 x 122 x 407 (without lens and feet) |
| Weight [kg] | 9.7 |
| Fan Noise [dB (A)] | 22 / 26 (Eco / Normal) |
| Colour Versions | White |

Environmental Conditions

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| Operating Temperature [°C] | 5 to 40 |
| Operating Humidity [%] | 20 to 80 |
| Storage Temperature [°C] | -10 to 50 |
| Storage Humidity [%] | 20 to 80 |

Ergonomics

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| Safety and Ergonomics | CE; EAC; ErP; RoHS; TUEV Type Approved |
| Speakers [W] | 1 x 20 (mono) |

Additional Features

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| 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; OSD with 30 languages; Plug&Play W-LAN Option; Quick Start; Source Select with Beep Function; Test Pattern; Unique Power Saving Functions; USB Viewer |
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Green Features

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| Ecological Materials | Downloadable manuals; ECO packaging |
| Ecological Standards | ErP compliant; RoHS compliant |

Warranty

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| Projectors | 3 years pan-European service |
| Light Source | 3 years or 10000h (whatever comes first) |

Shipping Content

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| Shipping Contents | 2x AAA Batteries; IR Remote Control (477E); Lens Cap; Power Cord (1.8 m); Projector; Quick Setup Guide; Security Sticker; Users Manual; Utility software |
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Optional Accessories

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| Optional Accessories | Universal Ceiling Mounts (PJ01UCM, PJ02UCMPF); Wireless LAN module (NP05LM2; NP05LM4; NP05LM5) |
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¹ Compliance with ISO21118-2012

² 50% of initial brightness at the end of specified laser life time at 25 degree ambient temperature.



ErP



RoHS



CE



TUEV Type
Approved

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