Preliminary Datasheet

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.

Product Information

Product Name	NEC P627UL
Product Group	Laser Projector
Order Code	60005762

Image

Projection Technology	3LCD Technology		
Native Resolution	1920 x 1200 (WUXGA)		
Aspect Ratio	16:10		
Contrast Ratio [1]	600000:1		
Brightness [1]	6200 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	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

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]	328 (Normal) / 318 (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)]	(TBD) / (TBD) (Eco / Normal)

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

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

Optional Accessories

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

[1] Compliance with ISO21118-2012

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

RoHS	CE	TüV GS	TUEV Type Approved	ErP

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.