

NEC P420X

Order Code: 60003081

NEC P420X Professional Projector

Get great picture performance paired with outstanding network features. Advanced Eco features help to lower your operating and service cost. Because of high brightness and excellent installation flexibility the P420X is the best solution for larger meeting rooms and University lecture halls.

DELIVERING GENUINE BENEFITS

Vertical Lens Shift - for easiest installation at best optical performance.

Innovative network features - for best network performance.

PowerPoint and PDF viewer - for presentation without an computer.

Great connectivity - due to numerous analog and digital connection terminals.

Innovative new Eco functions - to reduce power consumption.

Minimized cost of ownership - due to long lamp life and filter exchange intervals.

Free Download of Multi-Display Management Software - with NaViSet Administrator 2 you can manage all your connected display devices from a centralized location.

Free DisplayNote Presenter Licence - present, share, collaborate with multiple participants across multiple devices (available until March 2014). Visit www.displaynote-nec.com.



OUTSTANDING PERFORMANCE

- **High brightness** paired with best performance and connectivity
- **Low installation cost** because of highest flexibility by Lens Shift and wide zoom lens. Excellent solution for replacement of old installation projectors.
- **Network.** Enjoy easiest way of network connectivity and network content transmission and save cost by complete projector monitoring and control of projector using latest network technology.
- **Projector Viewer Function.** Use great projector viewer function for direct presentation of PowerPoint files, PDF files, images or movies directly from USB memory or via network without any need of a presentation PC.



SPECIAL CHARACTERISTICS

Auto Eco Mode, Carbon Savings Meter, DICOM Simulation, Direct Power-Off Function, FREE DisplayNote Presenter, Geometric correction by software, Help Function, Lens Shift, vertical +50%, Manual vertical Keystone Correction ($V = \pm 30^\circ$), Manual Wall Color Correction, mouse receiver, NaViSet Administrator 2, Optional User Logo, OSD with 27 languages, Password Security System, PIP/Side by Side, HDMI - Input, Plug&Play W-LAN Option, Remote Desktop, Source Select with Beep Function, Timer-Function, Unique Power Saving Functions, USB Display, USB Viewer, Virtual Remote for direct PC control, Windows 7 Network Projector, Windows Media Connect Function, Windows Network Drive, 100% recyclable packaging, Auto ECO Mode, Green one touch ECO and AV mute button, 75% AV mute function, Downloadable manuals, ECO scheduler, RoHS compliant, ECO packaging, ErP compliant, Intelligent Power Management, Longer lamp life, Reduced power consumption. Only 0.4W stand-by



Energy Efficiency

Auto ECO Mode; Green one touch ECO and AV mute button; 75% AV mute function; ECO scheduler; Intelligent Power Management; Longer lamp life; Reduced power consumption. Only 0.4W stand-by

Ecological Materials

100% recyclable packaging; Downloadable manuals; ECO packaging

Ecological Standards

RoHS compliant; ErP compliant

Technical Specification NEC P420X

IMAGE	
Display	3 x 1.6 cm (0.63") p-Si LCD Panel with MLA
Native Resolution	1024 x 768 (XGA)
Contrast Ratio ¹	2000:1
Brightness ¹	4200 ANSI Lumen (approx. 75% in Eco Mode)
Lamp	265 W UHP AC (195 W UHP AC Eco Mode)
Lamp Life [hrs]	3000 (3500 Eco Mode)
Lens	F= 1.7–2.07, f= 17.4–29 mm
Projection Factor	1.3 – 2.2 : 1
Projection Distance [m]	0.6 – 13.8
Screen Size (diagonal) [cm] / [inch]	Minimum: 64 / 25"; Maximum: 762 / 300"
Zoom	1 - 1.2
Focus Adjustment	Manual
Supported Resolutions	1920 x 1080 (HDTV 1,080i/60, HDTV 1,080i/50); 1600 x 1200 (UXGA); 1400 x 1050 (SXGA); 1280 x 1024 (SXGA); 1280 x 720 (HDTV 720p); 1152 x 870 (Mac 21"); 1024 x 768 (XGA) compressed; 832 x 624 (Mac 16"); 800 x 600 (SVGA); 720 x 576 (DVD progressive); 720 x 480 (DVD progressive); 720 x 480 (SDTV 480p); 640 x 480 (VGA/Mac 13")
Frequency	Horizontal: 15–100 kHz (RGB: 24 kHz); Vertical: 50 – 120 Hz
CONNECTIVITY	
RGB (analog)	Input: 2 x Mini D-sub 15 pin; 2 x Mini D-sub 15-pin, compatible to component (YPbPr) Output: 1 x Mini D-sub 15 pin
HDMI™	Input: 1 x HDMI™ (Deep Color, Lip sync) with HDCP
Video	Input: 1 x RCA
S-Video	Input: 1 x Mini DIN 4-pin
Audio	Input: 1 x HDMI audio; 2 x 3.5 mm Stereo Mini Jack for Computer analog; 1 x RCA Stereo for Video and S-Video Output: 1 x 3.5 mm Stereo Mini Jack (variable)
PC Control	Input: 1 x D-Sub 9 pin (RS-232) (male)
USB	2 x Type A (USB 2.0 high speed)
Video Signals	PAL; PAL60; NTSC; SECAM; NTSC 4.43; PAL-N; PAL-M
REMOTE CONTROL	
Remote Control	Aspect Ratio; Audio Control; Auto Adjust; Freeze-function; HDMI; Help-function; Lamp Mode Control; 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]	343 Normal Mode; 264 Eco Mode; 9 Network Stand-By Mode; 0.4 Power Savings Mode
MECHANICAL	
Dimensions (W x H x D) [mm]	398 x 282 x 115 (without lens and feet)
Weight [kg]	3.9
Fan Noise [dB (A)]	30 / 36 (Eco / Normal)
ERGONOMICS	
Safety and Ergonomics	CE; ErP; TÜV GS; RoHS
Speakers [W]	1 x 10 (mono)
WARRANTY	
Projectors	3 years pan-European service
Lamp	6 months, max. 1000 hrs
SHIPPING CONTENT	
Shipping Contents	Projector; IR Remote Control (addressable RD - 448E); Mini D-SUB Signal Cable; Power Cord; Users Manual on CD-ROM; Quick Setup Guide
OPTIONAL ACCESSORIES	
Optional Accessories	Cable Cover (NP01CV); Lamp (NP17LP); Wireless LAN module (NP02LM2 (Europe), NP02LM3 (Russia))

¹ Compliance with ISO21118-2005