

NEC UM280Wi (Multi-Pen)

Order Code: 60003780

NEC Interactive Multi-Pen Projector



Get great performance while saving the environment. Advanced Eco features help to substantially lower your operating cost without compromising on quality and flexibility. Less shadow and glare gives the presenter more space to engage with his audience and enhances the experience when using the integrated interactive multi-pen solution.

The UM280Wi (Multi-Pen) is particularly suited for classrooms and small to medium sized meeting rooms.

BENEFITS

Integrated interactivity - Multi-Pen support and auto-calibration.

Get Great Performance - while not compromising on quality and ease of use.

Less Shadow and Glare - not standing in the light beam gives you more space to engage with your audience when presenting.

Peace of Mind - with future-proof connectivity.

Save the Environment - with latest Eco technology by minimizing your power consumption and consumables replacements.

Free DisplayNote Multiuser Licence - present, share, collaborate with up to 5 participants across multiple devices (available until May 2015).



NEC Factory Preset
DICOM
SIMULATION

HDMI
HIGH DEFINITION MULTIMEDIA INTERFACE



IMAGE	Projection Technology	3 x 1.5 cm (0.59") p-Si LCD Panel with MLA
	Native Resolution	1280 x 800 (WXGA)
	Aspect Ratio	16:10
	Contrast Ratio ¹	3000:1
	Brightness ¹	2800 ANSI Lumen (approx. 75% in Normal, 60% in Eco Mode)
	Lamp	230 W High Bright / 170 W Normal / 140 W Eco Mode
	Lamp Life [hrs]	8000 Eco / 5000 Normal / 4000 High Bright Mode
	Lens	F= 1.8, f= 4.78 mm
	Projection Factor	0.36 : 1
	Projection Distance [m]	0.11 – 0.51
	Projection Angle [°]	49.2
	Screen Size (diagonal) [cm] / [inch]	Maximum: 254 / 100"; Minimum: 152.2 / 60"
	Zoom	1.4 x Digital Zoom
	Focus Adjustment	Manual
	Supported Resolutions	1920 x 1200 (WUXGA); 1920 x 1080 (HDTV 1080i/60; HDTV 1080i/50); 1680 x 1050 (WSXGA+); 1600 x 1200 (UXGA); 1600 x 900 (WXGA++); 1440 x 900 (WXGA+); 1400 x 1050 (SXGA+); 1366 x 768 (WXGA); 1360 x 768 (WXGA); 1280 x 1024 (SXGA); 1280 x 1024 (MAC 23"); 1280 x 960 (SXGA); 1280 x 800 (WXGA); 1280 x 768 (WXGA); 1280 x 720 (HDTV 720p); 1152 x 870 (MAC 21"); 1152 x 864 (XGA); 1024 x 768 (XGA); 832 x 624 (MAC 16"); 800 x 600 (SVGA); 720 x 576 SDTV 480p/480i; 720 x 480 SDTV 576p/576i; 640 x 480 (VGA/MAC 13")
	Frequency	Horizontal: 15–100 kHz (RGB: 24 kHz– 100 kHz); Vertical: 50 – 120 Hz
CONNECTIVITY	RGB (analog)	Input: 1 x Mini D-sub 15-pin, compatible to component (YPbPr) Output: 1 x Mini D-sub 15 pin
	HDMI™	Input: 2 x HDMI™ (Deep Color, Lip sync)
	Video	Input: 1 x RCA
	S-Video	Input: 1 x Mini DIN 4-pin
	Audio	Input: 1 x 3.5 mm Stereo Mini Jack; 2 x RCA Stereo Output: 1 x 3.5 mm Stereo Mini Jack (variable)
	Microphone	Input: 1 x 3.5 mm Stereo Mini Jack (Dynamic mic)
	Control	Input: 1 x D-Sub 9 pin (RS-232) (male)
	LAN	1 x RJ45; Optional WLAN
	USB	1 x Type B; 2 x Type A (USB 2.0 high speed)
	Video Signals	NTSC; NTSC 3.58; NTSC 4.43; PAL; PAL-M; PAL-N; PAL60; SECAM
REMOTE CONTROL	Remote Control	Aspect Ratio; Audio Control; Auto Adjust; AV Mute; Digital Zoom; Direct Source Select; Freeze; Help Eco Mode; Help-function; ID set; Picture Adjust; Presentation and Mouse Control
ELECTRICAL	Power Supply	100-240 V AC; 50 - 60 Hz
	Power Consumption [W]	235 (Normal) / 212 (Eco) / 8 (Network Stand-by) / 0.4 (Stand-by); 304 (High Bright)
MECHANICAL	Dimensions (W x H x D) [mm]	378 x 112 x 428 (without lens and feet)
	Weight [kg]	5.6
	Fan Noise [dB (A)]	28 / 28 / 35 (ECO / Normal / High Bright)
ENVIRONMENTAL CONDITIONS	Operating Temperature [°C]	5 to 40
	Operating Humidity [%]	20 to 80 non-condensing
	Storage Temperature [°C]	-10 to 50
	Storage Humidity [%]	20 to 80 non-condensing
ERGONOMICS	Safety and Ergonomics	CE; Gost-R; RoHS; TÜV GS
	Speakers [W]	1 x 16 (mono)
ADDITIONAL FEATURES	Special Characteristics	AMX Beacon; Auto Eco Mode; Auto Power ON/OFF; Carbon Savings Meter; Colour Management; Content Transmission via Network; Contrast Ratio 3000:1 with Iris; Crestron RoomView; DICOM Simulation; Direct Power-Off Function; High Altitude Mode; Including interactive module and pen; Kensington security slot; Keypad Lock; Magnify; Manual vertical Keystone Correction (V= ±10°); NaViSet Administrator 2; Off-Timer; Optional User Logo; Optional WLAN; OSD with 29 languages; Password Security System; PJ LINK; Quick On/Off; Remote control and administration via LAN and RS232; Security Bar; Test Pattern; USB Display; USB Viewer for JPEG; Virtual Remote for direct PC control; Wall Colour Correction
GREEN FEATURES	Energy Efficiency	75% AV mute function; Auto ECO Mode; ECO scheduler; Green one touch ECO and AV mute button; Intelligent Power Management; Longer lamp life; Reduced power consumption. Only 0.4W stand-by; Software scheduling
	Ecological Materials	100% recyclable packaging; Downloadable manuals; ECO packaging
	Ecological Standards	ErP compliant; RoHS compliant
WARRANTY	Projectors	3 years pan-European service
	Lamp	6 months, max. 1000 hrs
SHIPPING CONTENT	Shipping Contents	Interactive Module incl. 2 pens (NP03Wi); IR Remote Control (RD-448E); Mini D-SUB Signal Cable; Power Cord (3 m); Quick Setup Guide; Security Sticker; Users Manual on CD-ROM; Wall-mount kit NP04WK
OPTIONAL ACCESSORIES	Optional Accessories	DisplayNote; Lamp (NP16LP-UM); Mouse Receiver (NP01MR); Wireless LAN module (NP02LM2/3)

¹ Compliance with ISO21118-2005