

UM Series

UM330Xi-WK1 and UM330Wi-WK1 interactive projectors

The UM330Xi-WK1 and UM330Wi-WK1 interactive projectors bring collaboration to both classrooms and conference rooms alike. Together with a PC or Mac, the teaching tool will increase students' attention and interaction within the classroom, increasing their retention of subject matter.



Bring Interactivity to the Classroom



The interactive eBeam module (NP02Wi) connects directly to the computer, using IR to determine the included pen's position within the image for accurate control and annotation.

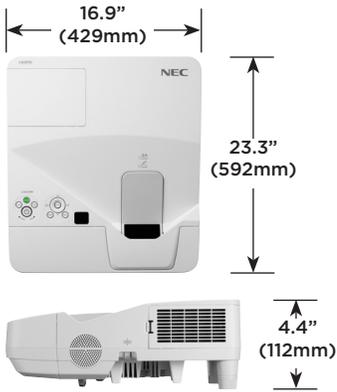
- A complete software package designed specifically for the NP02Wi includes the eBeam Education Suite, eBeam Scrapbook, eBeam Tool Palette and eBeam Home. eBeam Workspace is ideal for corporate customers
- Annotation tools include pen, shapes, highlighter, eraser, redo/undo and save buttons, providing users with endless possibilities on the screen
- Broadcast and share material over an intranet or the Internet
- Mouse functionality allows the user to control the desktop from the board with the included stylus pen. Open files, browse the Internet and much more.
- A dedicated button brings up a File>Open window that allows the user to quickly open up PowerPoint files in Slideshow mode
- Three different interactive tools to choose from:
 - » **SCRAPBOOK application.** This turns the image on the whiteboard surface into a digital workspace. Multiple tools within the application allow the user to record notes digitally, import screen shots and other files as background images, save scrapbook files and use layers to hide and show elements of a page
 - » **Desktop palette.** This allows quick selection of major functions, including annotation and a pop-up keyboard.
 - » **PowerPoint palette.** This allows annotation and navigation from slide presentations.

Versatile Features and Powerful Performance

- Powerful 16-watt speaker provides volume needed for large rooms
- Variable audio-out enables remote control to be used to adjust volume of self-powered external speakers that are connected to the projector. In stand-by mode, the audio-out stays active, allowing the last input used to pass to the self-powered external speakers.
- Virtual Remote™ (DDC/CI) over the VGA cable or via the network connection (wired/wireless) allows you to control the projector directly from a computer without the need for additional control cables
- Native XGA and WXGA resolution projectors automatically sync with higher-resolution computers
- Flexible input panel connects with dual HDMI, computer, composite video, S-Video and component video (using optional 15-pin adapter cable)
- USB Viewer uses the presentation conversion software included with your projector to convert presentations into .jpgs for playback using a USB flash drive (not included)

Essential Features for Ease of Use

- Intuitive remote control provides one-touch source changes and complete menu control
- Integrated RJ45 connection for quick connection to the LAN (10/100 base-T capability)
- Wireless LAN (optional) allows for image transmission from a computer or directly from an iPad, lowering the cost of the installation while providing collaboration with your audience
- Remote diagnostics enable the user to monitor and make adjustments to the projector remotely



Designed with the Environment in Mind

- Extended lamp life with ECO Mode™ technology increases lamp life up to 6000 hours, while lowering power consumption and maintenance costs
- Power management enables projector to automatically turn off when an incoming signal is not detected from any of the inputs
- Auto Power On, using the Direct Power On mode, turns on the projector when AC power is supplied
- Quick start (20 seconds) lets you begin presenting in seconds while quick shutdown (immediate power off with no cooling required after shutdown) ensures efficient energy usage

UNIQUE FEATURES

ECO Mode technology extends lamp life, lowers audible noise and reduces total cost of ownership.

Built-in closed captioning enables decoding and display of text information from a video

Kensington lock slot enables security cable to be attached to projector.

10-step image magnification with location control

WARRANTY

Registered owners receive a 2-year parts and labor warranty including the first year of InstaCare. The lamp is covered for one year or 500 hours - whichever comes first. InstaCare provides the original owner one year of either limited 3-business-day repair/return or next-business-day exchange.

SHIPS WITH

Remote control, batteries, RGB cable, power cord, user's manual, product registration card, wall mount kit (NP04WK1) and interactive eBeam module and pen (NP02Wi)

ORDERING MODEL NUMBERS

NP-UM330Xi-WK1
NP-UM330Wi-WK1

Specifications for UM330Xi-WK1/UM330Wi-WK1

OPTICAL Display Technology Light Output (lumens) Resolution Native Maximum Contrast Ratio (up to) Lamp Type Lamp Life (up to) Screen Size (diagonal) Throw Ratio Projection Distance Projector Angle Lens* Zoom Focus F-#, f-# Keystone Correction	UM330Xi-WK1: 0.63" LCD with MLA UM330Wi-WK1: 0.59" LCD with MLA 3300 UM330Xi-WK1: XGA 1024 x 768 UM330Wi-WK1: WXGA 1280 x 800 UXGA 1600 x 1200 3000:1 265W AC 3000 hours normal / 6000 hours eco UM330Xi-WK1: 61.5 to 116.6 in. / 1562 to 2962mm UM310Wi-WK1: 58 to 110 in. / 1473 to 2794mm 0.36:1 17.6 to 33.6 in. / 448 to 854mm UM330Xi-WK1: 53.1° UM330Wi-WK1: 49.2° 1 - 1.4 Manual F=1.80, f=4.78mm +/- 10°
SIGNAL COMPATIBILITY/CONNECTIVITY Scan Rate Horizontal Vertical Supported Video Standards SD/HD Video Signal Compatibility PC Signal Compatibility Macintosh Compatibility Input/Output Terminals RGB1 (analog) RGB2 (digital) RGB3 (digital) RGB4 (digital) Video 1 Video 2 Audio 1 Audio 2 Audio 3 Audio Out Monitor Out Microphone Wireless LAN Audio External Control Sync Compatibility	15 - 100 kHz 50 - 120 Hz NTSC, NTSC4.43, PAL, PAL-M, PAL-N, PAL 60, SECAM 480i, 480p, 576i, 576p, 720p, 1080i, 1080p VGA, SVGA, XGA, WXGA, WXGA+, SXGA, SXGA+, UXGA Yes 15-pin, component video using ADP-CV1E adapter HDMI HDMI USB A Type RCA S-Video 1/8 in. stereo 1/8 in. stereo L/R RCA (shared by video sources) Yes (variable) Yes 1/8 in. stereo Optional 16W speaker RS-232, IR, Wired LAN, Wireless LAN (optional), USB Separate Sync / Composite Sync / Sync on G
ELECTRICAL Power Requirements Input Current Power Consumption Normal Mode / ECO Mode / Standby	100 - 240V AC, 50/60 Hz 4.0A / 2.0A 344W / 233W / 8W / 0.2W
MECHANICAL Installation Orientation Dimensions (WxDxH) Net Weight Fan Noise Regulations	Table/Front, Table/Rear, Ceiling/Front, Ceiling/Rear 26 x 20 x 22 in. / 660 x 508 x 559mm 49 lbs. / 22.2 kg 35 dB normal / 32 dB eco USA UL 60950-1 FCC Class B, C-UL CSA 60950-1 ICES-003 Class B
ENVIRONMENTAL Operational Temp Humidity Storage	41° - 104°F / 5° - 40°C 20-80% non-condensing -4° - 122°F / -20° - 50°C
OPTIONAL ACCESSORIES NP02LM1 NP17LP-UM SPKR30 NP01Pi RMT-PJ31 SC200 SCP200 ADP-CV1E PWRCRD-PJPX RGBCBL-PJPX NECEW1-MP NECEW2-MP ADVEXON1-MP ADVEXON2-MP	802.11b/g/n wireless LAN adapter Replacement lamp Amplified 30-watt speaker Stylus pen Replacement remote control Security cable for connection to projector Lightweight adjustable suspended ceiling plate for use with NEC ceiling mounts Component video adapter converts component video to D-sub 15-pin Power cable RGB cable Extends term of parts and labor warranty to 3 years Extends term of parts and labor warranty to 4 years Extends term of InstaCare service program to 2 years Extends term of InstaCare service program to 3 years



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