# N12BNW Projector

## Package Contents

**N12BNW non-interactive projector** - Projector, AC power cord (4m), HDMI cable (5m), remote control with battery, and mini-USB cable (5m).

## Specifications

| OS | | |
|---|---|---|
| | Software Requirements | MimioStudio 11.6 or higher on a Windows, Mac, or Linux OS |

| Display | | |
|---|---|---|
| | Brightness | 4,000 lumens (2,800 eco) |
| | Light Source | 260 W Philips halogen |
| | Lamp Life (typical) | 3500 hr (standard) / 4000 hr (eco) |
| | Native Aspect Ratio | 16:10 |
| | Native Resolution | WXGA 1280 x 800 |
| | Image Size (diagonal) | 80 in. - 110 in. / 203 cm - 279 cm |
| | Keystone Correction | Vertical: ±10° |
| | Contrast Ratio (typical) | 1,800:1 (10,000:1 high contrast) |
| | Color Reproduction | 1.07 billion colors (R/G/B 10 bit) |
| | Color Uniformity | $\Delta$u'v' $\leqq$ 0.03 |
| | Projection Lens | f/2.4 |
| | Throw Ratio | Ultra-short throw of 0.27 |
| | Focus Type | Manual |
| | Projection Technology | Digital Light Processing (DLP), utilizing a 6-segment color wheel. |
| | On Screen Display | Supports English and French |
| | Closed Captioning | Based on TI DDP4421 spec, CC1/CC2/CC3/CC4 supported |
| | 3D | DLP Link 3D and HDMI 1.4a 3D |

| Audio/Video Connections | | |
|---|---|---|
| | Digital A/V Inputs | HDMI x 2 |
| | Video Analog Inputs | - VGA x 1<br>- VGA in/out switched* x 1<br>- Composite x 1 |
| | Video Analog Outputs | VGA in/out switched x 1 |
| | Audio Analog Inputs | - Stereo line 3.5 mm x 1<br>- Stereo line RCA jacks x 1<br>- Mic level 3.5 mm x 1 |
| | Audio Analog Outputs | Line out 3.5 mm x 1 |
| | Speaker | 1 speaker 10 Watts. |

| Control | | |
|---|---|---|
| | LAN | Standard using RJ-45 connector |
| | LAN Control Protocols | Crestron |
| | Laser Curtain DC Power | 3.5 mm |
| | Service and Network Ctrl | RS-232, RJ45, mini-USB |

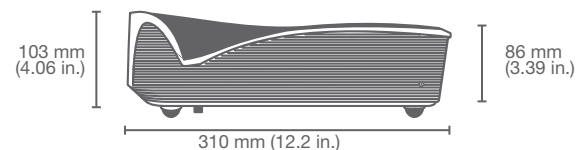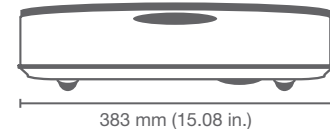| Mech | | |
|---|---|---|
| | Mounting | Front or rear projection, wall, ceiling, or table mount** |
| | Security | Kensington Lock >20 kg |

| General | | |
|---|---|---|
| | Power Supply | AC 100 – 240 V 50-60 Hz |
| | Power Consumption (typical) | Normal mode: 330 W<br>ECO mode: 210 W<br>Standby: < 0.5 W Touch Mode*** |
| | Operating Temperature | 5 - 40° C (41 - 104° F) non-condensing |
| | Fan Noise | Full mode : 36dBA (typical) / 38dBA (maximum)<br>ECO mode : 32dBA (typical) / 35dBA (maximum) |
| | Certifications | UL and FCC |

\* One connector switchable between VGA in or out.
\*\* Ceiling and table mount require third-party bracket.
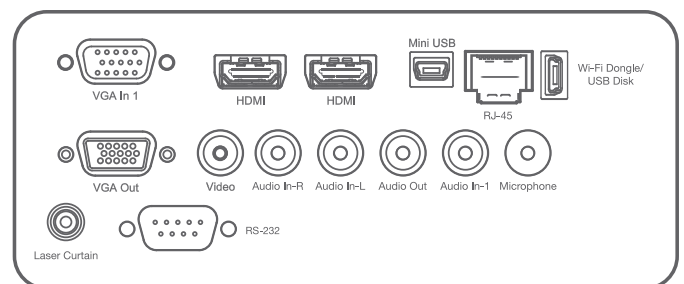\*\*\* LAN/RS-232/VGA out are off.

**Dimensions and Weight**

Projector

Weight: 5 kg
(11.02 lb)

383 mm (15.08 in.)

103 mm (4.06 in.)  86 mm (3.39 in.)

310 mm (12.2 in.)

**Connections**

VGA In 1   HDMI   HDMI   Mini USB   RJ-45   Wi-Fi Dongle/ USB Disk

VGA Out   Video   Audio In-R   Audio In-L   Audio Out   Audio In-1   Microphone

Laser Curtain   RS-232

Specifications subject to change without notice.