Specification

		U300X	U250X	U310W	U260W
DLP Chip		0.55 inch DLP (Aspect Ratio 4:3)		0.65 inch DLP (Aspect Ratio 16:10)	
Resolution*1		1024 x 768 pixels		1280 x 800 pixels	
Lens		Manual Focus, F2.71, f=4.42mm			
Lamp(Eco Mode On / Eco Mode Off)		245W / 280W AC	190W / 230W AC	245W / 280W AC	190W / 230W AC
Lamp Life*2 (Eco Mode On / Eco Mode Off)		3000H / 2500H	4000H / 2500H	3000H / 2500H	4000H / 2500H
Image Size (Projection Distance)		63 to 85 inch (47.5 to 66.2cm)		77 to 100 inch (49.5 to 66.1cm)	
Colour Reproduction		16.7 million colours simultaneously, Full colours			
Light Output*3 *4	Eco Mode Off	3000 ANSI lumens	2500 ANSI lumens	3100 ANSI lumens	2600 ANSI lumens
	Eco Mode On	2600 ANSI lumens	2050 ANSI lumens	2700 ANSI lumens	2100 ANSI lumens
Contrast Ratio (White / Black)*4		2000:1			
Maximum Resolution	Analog	1600 x 1200 with scaling technology			
	Digital	1920 x 1080 with scaling technology			
Scan Rate	Horizontal	31.35kHz to 91.1kHz			
	Vertical	56Hz to 120Hz (HDMI : 50Hz to 85Hz)			
Keystone Correction	Vertical	Manual Approx.±Max 15 degrees			
Input Terminals	2 Computer Input	2 D-Sub Mini 15pin	VGA, SVGA, XGA, XGA+, WXGA, WXGA+, SXGA, SXGA+, UXGA RGB : 0.7Vp-p/75Ω H/V Sync : 4.0Vp-p/TTL Level			
		2 Stereo Mini Jack	Stereo L/R 0.5Vrms/22kΩ or over			
	2 Component Input	2 D-Sub Mini 15pin (Shared with Computer IN)	Y : 1.0Vp-p/75Ω(with Sync) Cb, Cr (Pb, Pr) : 0.7Vp-p/75Ω Compatible signals : 480i, 480p, 720p, 1080i, 1080p / 60Hz, 576i, 576p, 720p, 1080i/50Hz DVD Progressive (50/60Hz)			
		Audio Input is Shared with Computer IN	Same as Computer IN			
	1 HDMI Input	1 HDMI Type A	VGA, SVGA, XGA, WXGA, SXGA, SXGA+ / 480p, 576p, 720p, 1080i, 1080p T.M.D.S. Specification, with HDCP			
		HDMI support audio	Audio format : LPCM Number of channel : 2ch Sampling Frequency : 32/44.1/48kHz Sampling bit : 16/20/24-bit			
	1 S-Video Input	1 Mini DIN-4pin	Y : 1.0Vp-p/75Ω C : 0.286Vp-p/75Ω			
		1 RCA pin x 2	Stereo L (MONO)/R : 0.5Vrms/22kΩ or over			
	1 Video Input	1 RCA pin	Compatible signals : NTSC/NTSC4.43/PAL/PAL-N/PAL-M/PAL-60/SECAM Compatible Video : 1.0Vp-p/75Ω			
		Audio Input is Shared with S-Video	Same as S-Video			
Output Terminals	1 RGB Output	1 D-Sub Mini 15pin	Only Computer 1 input can be output			
	1 Audio Output	1 Stereo Mini Jack	Stereo L/R 0.5Vrms/22kΩ or over, Selected Audio Signal input from Computer1&2, S-Video or Video			
Wired LAN Port	1 RJ-45	10BASE-T / 100BASE-TX			
Control Terminal	PC Control	1 D-sub 9Pin	RS-232C			
	Uservice Port	1 USB Mini	for service only			
Built-In Speaker		10W Monaural			
Quietness (Eco Mode On / Eco Mode Off)		32dB / 36dB	29dB / 33dB	32dB / 36dB	29dB / 33dB
Environment	Operational Temperatures	5°C to 40°C ([ECO MODE] selected automatically at 35°C to 40°C), 20% to 80% Humidity (Non-Condensing)			
	Storage Temperatures	-10°C to 50°C, 20% to 80% Humidity (Non-Condensing)			
Power Requirement		100 to 240V AC, 50Hz/60Hz			
Input Current		3.5A - 1.5A	3.0A - 1.3A	3.5A - 1.5A	3.0A - 1.3A
Power Consumption	Eco Mode Off	360W	300W	360W	300W
	Eco Mode On	315W	245W	315W	245W
	Standby Mode	3W			
	Power-saving Mode	0.5W			
Calorific Value		1229BTU (MAX)	1024BTU (MAX)	1229BTU (MAX)	1024BTU (MAX)
Dimensions (W x H x D)		427mm x 200mm x 406mm (Not Including Protrusions)			
Weight		6.5kg			
Gross Dimensions (W x H x D)		538mm x 298mm x 479mm (Not Including Protrusions)			
Gross Weight		U300X+ : 9.2Kg, U300XG : 9.3kg	9.0Kg	U310W+ : 9.2Kg, U310WG : 9.3kg	9.0Kg
Accessories		Remote control, Batteries(AAA x 2), Computer cable, Power Cord, Soft case, User's manual(CD-ROM), Quick setup guide, Important information			
Regulations	For United States	UL Approved (UL 60950-1), Meets FCC Class B Requirements			
	For Canada	C-UL Approved (CSA 60950-1), Meets DOC Canada Class B Requirements			
	For Asia/Oceania	IEC60950-1, Meets AS/NZS CISPR.22 Class B			
	For Korea	KC (safety : K60950-1, EMC : K00022, K00024, K61000-3-2)			
	For China	GB4943, GB9254, GB17625.1			
	For Russia	Gost R 60950-1, 51318.22, 51317.3.2./3.3.			

*1 : Effective pixels are more than 99.99%.
*2 : Lamp life is defined as the average time span for the brightness of the lamp to be reduced by half, it dose not refer to the warranty period for the lamp.
*3 : This is the light output value (ANSI lumens) when the [Picture mode] is set to [High-Bright].
    If any other mode is selected as the [PRESET] mode, the light output value may drop slightly.
*4 : Compliance with ISO21118-2005
All specifications are subject to change without notice.

● **Throw Distance and Screen Size**

Screen
Lens Centre
Screen Bottom
Bottom Height
Throwing Distance
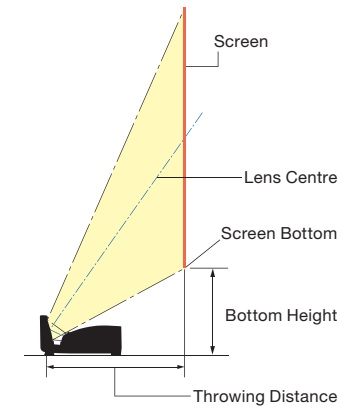
U300X / U250X (Aspect Ratio 4:3)

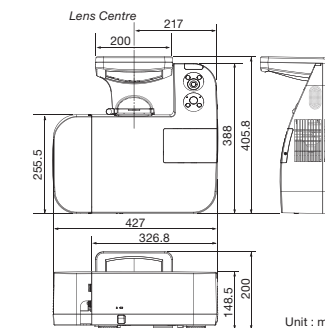| Screen Size (m)	Throwing distance (cm)	Bottom Height (cm)
63 (1.28×0.96)	47.5	33.7
65 (1.32×0.99)	49.2	34.5
70 (1.42×1.07)	53.4	36.7
75 (1.52×1.14)	57.7	38.9
77 (1.57×1.17)	59.4	39.7
80 (1.63×1.22)	61.9	41.0
85 (1.73×1.30)	66.2	43.2

The values in the tables are design values and may vary.

U310W / U260W (Aspect Ratio 16:10)

Screen Size (m)	Throwing distance (cm)	Bottom Height (cm)
77 (1.66×1.04)	49.5	32.6
80 (1.72×1.08)	51.6	33.6
85 (1.83×1.14)	55.6	35.3
87.2 (1.88×1.17)	56.8	36.1
90 (1.94×1.21)	58.8	37.0
95 (2.05×1.28)	62.5	38.7
100 (2.15×1.35)	66.1	40.4

The values in the tables are design values and may vary.

● **Cabinet Dimensions**

Lens Centre
217
200
388
405.8
255.5
427
326.8
148.5
200
Unit : mm

Ultra short focal projector

U300X/U250X/U310W/U260W

Using aspheric mirror technology, this ultra short throw projector is perfect for classrooms and small meeting rooms.

● **Options**

Replacement lamp
NP19LP (for U250X/U260W)

Replacement lamp
NP20LP (for U300X/U310W)

Ceiling mount kit
NP13CM

Stull
NP01ST

Wall mount kit
NP01WK

Dust filter
NP01FT

⚠ · The projector can be unplugged during its cool down period after it is turned off.
   Parts of the projector will become heated during operation. Use caution when picking up the projector immediately after it has been operating.
  · Use caution when putting the projector in the soft case immediately after the projector has been operating. The projector cabinet is hot.

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

With an environmental and user-friendly design, these ultra short throw projectors can be set up anywhere, to project a large, bright, clear image.

An easy-to-use, envionmentally friendly design.

Short focal projection is the optimum method for classrooms or small meeting areas

The use of newly-developed aspheric mirrors enables the U300X and U250X to project a large screen of 85 inches at a distance of only 66cm. The U310W and U260W can project a widescreen size of 100 inches at a distance of 66cm. Shadows are not easily formed even when someone stands in front of the projector, making it suitable for classrooms, small meeting areas, show windows at shops, and a wide variety of other locations.

Screen Size (m)	Throwing distance (cm)	Bottom Height (cm)
63 (1.28×0.96)	47.5	33.7
70 (1.42×1.07)	53.4	36.7
80 (1.63×1.22)	61.9	41.0
85 (1.73×1.30)	66.2	43.2
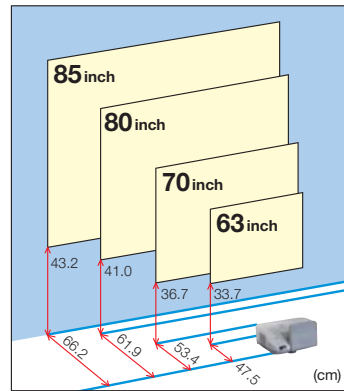
*Applicable models:U300X/U250X.
For the U310W and U260W, please refer to the last page.
*The values in the tables are design values and may vary.
*Throwing distance and bottom height are calculated with an aspect ratio of 4:3.

85 inch
80 inch
70 inch
63 inch
43.2 41.0
36.7 33.7
66.2 61.9 53.4 47.5
(cm)

A new design based on user needs

The design has been updated to facilitate setting and operation. A blue LED is now used for the power lamp, enabling the ON/OFF status to be understood at a glance.

power off   power on

A high-performance optional filter is available to strengthen the anti-dust function

Energy-saving design with a power consumption of 0.5 watts during standby

When the standby mode in the on-screen menu is set to "Power-Saving", the power consumption during standby is 0.5 watts.

Optional ceiling mount kit available

In addition to a ceiling mount kit, a wall mount kit is also available, allowing a wider range of setup environments.

Equipped with functions for facilitating setup, and a wide range of input/output terminals

Power Source Select Freeze Logo image transfer

MENU Series : Computer cable (VGA)

AV-MUTE   Option   Help

For the operating screen,you can select either the toolbar or the remote controller type.

(Indication of the toolbar/ Adjustment of the button sizes)

The supplied VGA signal cable allows the projector to be controlled from a PC with Virtual Remote Tool.

Virtual Remote Function

Download the Virtual Remote Tool utility software to turn the power on/off or switch the projector input from your PC via the supplied VGA signal cable.
To perform the same operation via LAN, download "PC Control Utility Pro 4".
See our website. (http://www.nec-display.com/dl/en/)

Direct Power On automatically switches on the power when the power cord is connected or a signal is input

Security function

By using passwords, the projector cannot be used by unauthorised persons. It is impossible to project an image unless the proper password is entered.
Since the main unit has a security chain opening, unauthorised removal of the projector is prevented by inserting the security cable or wire commercially available into the opening.

Multiple input/output terminals

The projector is equipped with a wide range of input and output terminals, including a computer input, video input terminal, S-Video input terminal, LAN port, monitor output terminal, and an HDMI terminal for projecting high-quality digital images.

● Terminals

S-Video IN   Monitor OUT / Audio OUT   Computer 2 IN / Audio IN
LAN Port   Computer 1 IN / Audio IN

Video IN   Audio IN   HDMI IN   PC Control
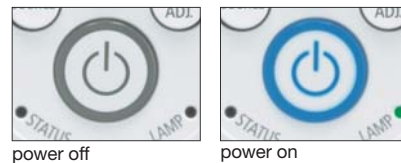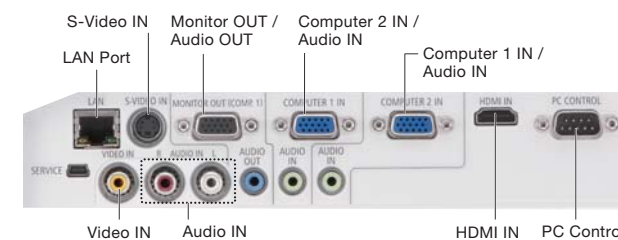
Many more enhanced functions

Built-in monaural speaker with a powerful 10W output

The 10W monaural speaker is built in to provide audiovisual conditions with high image and audio qualities.

● Wall Colour Correction for vivid images even without a screen.
● Vertical Keystone Correction +/-30 degrees
● Wired LAN Connectivity
● Supports use in high altitudes when Fan Mode is set to high
● Project 3D images with a single projector
  * To view 3D images, DLP LINK-style 3D glasses are required.
● WXGA panel for wide-format images (U310W/U260W)

DLP 3D READY

U300X
3000 ANSI lumens	XGA	6.5 kg

U250X
2500 ANSI lumens	XGA	6.5 kg

U310W
3100 ANSI lumens	WXGA	6.5 kg

U260W
2600 ANSI lumens	WXGA	6.5 kg