

B Series

Resolution: XGA (1024x768) or SVGA (800x600)

Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)

Aperture: 0.632 in. wide

Screen Dimensions (H & W in ft., D in in.).

H'	2.0	3.0	4.5	6	7.5	9	12	15
W'	2.67	4	6	8	10	12	16	20
D"	40	60	90	120	150	180	240	300

Standard Lens Models	T/W	Lens	Shift/Limits	Distance (expressed in feet).
LC-XB25/20/15, LC-SB20	1.25	0.787"~1.181" Manual, Zoom (20~30mm) f:1.7~2.5	9:1 (fixed)	3.3 5.0 7.5 10.0 12.5 15.0 19.9 24.9
	1.87			5.0 7.5 11.2 15.0 18.7 22.4 29.9 -
Wideangle Lens Models				
LC-XB10, LC-SB10	1.33	0.838"~1.009" Power, Zoom (21.3~25.63 mm) f:1.9~2.1	9:1 (fixed)	3.5 5.3 8.0 10.6 13.3 15.9 21.2 26.5
	1.60			4.3 6.4 9.6 12.8 16.0 19.2 25.5 -

NOTEBOOK FIVE, FOUR and THREE Series Projectors

Resolution: XGA (1024x768) or SVGA (800x600)

Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)

Aperture: 0.728 in. wide

Screen Dimensions (H & W in ft., D in in.).

H'	2.0	3.0	5	6	7.5	9	12	15
W'	2.67	4	6.67	8	10	12	16	20
D"	40	60	100	120	150	180	240	300

Standard Lens Models	T/W	Lens	Shift/Limits	Distance (expressed in feet).
XNB5M, XNB4M, XNB4, NB4	2.02	1.47"~1.90" Power, Zoom (37.4~48.3 mm) f:1.7~2.0	9:1 (fixed)	5.4 8.1 13.5 16.2 20.2 24.2 32.3 40.4
	2.61			7.0 10.4 17.4 20.9 26.1 31.3 41.8 -
Wideangle Lens Models				
XNB4MS, XNB4S, NB4S	1.15	0.838"~1.009" Power, Zoom (21.3~25.63 mm) f:1.9~2.1	9:1 (fixed)	3.1 4.6 7.7 9.2 11.5 13.8 18.4 23.0
	1.39			3.7 5.5 9.2 11.1 13.9 16.6 22.2 -

NOTEBOOK TWO Series Projectors

Resolution: XGA (1024x768) or SVGA (800x600)

Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)

Aperture: 0.728 in. wide

Screen Dimensions (H & W in ft., D in in.).

H'	2.0	3.0	4.5	6	7.5	9	12	15
W'	2.67	4	6	8	10	12	16	20
D"	40	60	90	120	150	180	240	300

All models:	T/W	Lens	Shift/Limits	Distance (expressed in feet).
Standard Lens (All Models)	1.80	1.31"~1.7" Power, Zoom (33.2~43.1 mm) f:1.8~2.0	20:1 (fixed)	4.8 7.2 10.8 14.4 18.0 21.6 28.8 36.0
	2.34			6.2 9.3 14.0 18.7 23.4 28.0 37.4 46.7

XGA NOTEBOOK ONE Series Projectors

Resolution: XGA (1024x768)

Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)

Aperture: 0.728 in. wide

Screen Dimensions (H & W in ft., D in in.).

H'	2	3	4.5	6	7.5	9	12	15
W'	2.67	4	6	8	10	12	16	20
D"	40	60	90	120	150	180	240	300

XGA models	T/W	Lens	Shift/Limits	Distance (expressed in feet).
Standard Lens XNB1U	1.80	1.31"~1.7" Power, Zoom (33.2~43.1 mm) f:1.8~2.0	19:1 (fixed)	4.8 7.2 10.8 14.4 18.0 21.6 28.8 36.0
	2.34			6.2 9.3 14.0 18.7 23.4 28.0 37.4 46.7

SVGA NOTEBOOK ONE Series Projectors

Resolution: SVGA (800x600)

Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)

Aperture: 0.728 in. wide

Screen Dimensions (H & W in ft., D in in.).

H'	2	3	4.5	6	7.5	9	12	15
W'	2.67	4	6	8	10	12	16	20
D"	40	60	90	120	150	180	240	300

SVGA models	T/W	Lens	Shift/Limits	Distance (expressed in feet).
Standard Lens NB1U, NB1UW	1.95	1.42"~2.27" Power, Zoom (36~57.6 mm) f:2.3~3.0	10:1 (fixed)	5.2 7.8 11.7 15.6 19.5 23.4 31.2 39.0
	3.12			8.3 12.5 18.7 24.9 31.2 37.4 49.9 62.4

Notes

For 16:9, width stays the same as 4:3 (ignore the diagonal).	16:9 Height (ft.)	1.50	2.25	3.38	4.50	5.63	6.75	9.00	11.25
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Calculations are from the front glass of the lens and are accurate to approximately +/- 3.5%.

Specifications are subject to change without prior notice.

How to use the T/W column. If your screen size does not appear on this chart, use the T/W column to find the lens you need.

Divide the Throw distance by the screen Width to get your "target T/W number". Then, look for a lens with a T/W range that covers it.

Understanding Shift/Limits. The numbers in the Shift/Limits column express the projector positions possible as a ratio of the image heights

Above:Below a line drawn perpendicular to the screen between the lens and the screen. 1:1 = center of the image. 10:0 = top of the image.

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