

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
XNB3, XNB3W, NB3W, NB3E	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
XNB3S, NB3S	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
	2.34			6.2	9.3	14.0	18.7	23.4

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
	2.34			6.2	9.3	14.0	18.7	23.4

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
	3.12			8.3	12.5	18.7	24.9	31.2

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.



205 Westwood Ave, Long Branch, NJ 07740
 Phone: 866-94 BOARDS (26273) / (732)-222-1511
 Fax: (732)-222-7088 | E-mail: sales@touchboards.com