

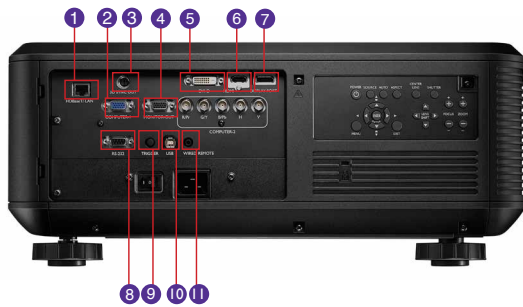


\*lens is not included

## Features

- WXGA (1280x800) Resolution
- 6,700 ANSI Lumens
- 2,800:1 Contrast Ratio
- Dual Lamp System
- HDBaseT Connectivity
- Flexible Placement Options for Multiple Applications
- Interchangeable Lenses and Color Wheels
- Powered Zoom, Focus, and Lens Shift

## Input and Output Terminals



- |                               |                                    |
|-------------------------------|------------------------------------|
| 1 HDBaseT/ LAN                | 7 DisplayPort                      |
| 2 Computer 1 in (D-sub 15pin) | 8 RS232 (DB-9pin)                  |
| 3 3D Sync Out                 | 9 12V Trigger                      |
| 4 Monitor out (D-sub 15pin)   | 10 USB (Type B)                    |
| 5 DVI-D in                    | 11 Wired Remote                    |
| 6 HDMI                        | 12 Computer 2 in (5BNC, R/G/B/H/V) |

## Specifications

Projection System	DLP®																										
Native Resolution	WXGA (1280x800)																										
Brightness	6,700 ANSI lumens																										
Contrast Ratio	2,800:1																										
Display Color	1.07 Billion Colors																										
Aspect Ratio	Native 16:10 (5 aspect ratio selectable)																										
Image Size Diagonal	80~500"																										
Lamp Type	350W x 2																										
Lamp Life	2,000/2,500 hours																										
Keystone Adjustment	1D, Vertical ± 30 degrees																										
Resolution Support	NTSC, PAL, SECAM																										
Horizontal Frequency	15K~91kHz																										
Vertical Scan Rate	48Hz~120Hz																										
Compatibility	HDTV Compatibility: 480i, 480p, 576i, 567p, 720p, 1080i, 1080p																										
Interface	<table border="0"> <tr><td>Computer 1 in (D-sub 15pin)</td><td>x 1</td></tr> <tr><td>Computer 2 in (5BNC, R/G/B/H/V)</td><td>x 1</td></tr> <tr><td>Monitor out (D-sub 15pin)</td><td>x 1</td></tr> <tr><td>HDMI (1.4a)</td><td>x 1 (Compatible with HDCP)</td></tr> <tr><td>DVI-D in</td><td>x 1 (Compatible with HDCP)</td></tr> <tr><td>LAN (RJ45)</td><td>x 1 (LAN Control)</td></tr> <tr><td>USB (Type B)</td><td>x 1 (Download)</td></tr> <tr><td>HDBaseT</td><td>x 1 (Share with RJ45)</td></tr> <tr><td>DisplayPort</td><td>x 1</td></tr> <tr><td>12V Trigger</td><td>x 1</td></tr> <tr><td>RS232 (DB-9pin)</td><td>x 1</td></tr> <tr><td>Wired Remote</td><td>x 1</td></tr> <tr><td>IR Receiver</td><td>x 2 (Front+Rear)</td></tr> </table>	Computer 1 in (D-sub 15pin)	x 1	Computer 2 in (5BNC, R/G/B/H/V)	x 1	Monitor out (D-sub 15pin)	x 1	HDMI (1.4a)	x 1 (Compatible with HDCP)	DVI-D in	x 1 (Compatible with HDCP)	LAN (RJ45)	x 1 (LAN Control)	USB (Type B)	x 1 (Download)	HDBaseT	x 1 (Share with RJ45)	DisplayPort	x 1	12V Trigger	x 1	RS232 (DB-9pin)	x 1	Wired Remote	x 1	IR Receiver	x 2 (Front+Rear)
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RS232 (DB-9pin)	x 1																										
Wired Remote	x 1																										
IR Receiver	x 2 (Front+Rear)																										
Dimensions (WxHxD)	20" x 9" x 21" / 510 x 230 x 540 mm																										
Weight	46.2 lbs / 21 kgs (Without lens)																										
Power Supply	AC 100 to 240 V, 50/60 Hz																										
Stand-by Power Consumption	<0.5W (Only Power button on remote and keypad can work)																										
Acoustic Noise (Typ./Eco.)	41/36 db																										
Operating Temperature	5~40° C																										
Accessories (Standard)	Remote Control w/ Battery, Power Cord, User Manual CD, Quick Start Guide, Warranty Card, VGA(D-sub 15pin) Cable, Lens cover, 2 Color Wheels																										
Accessories (Optional)	Spare Lamp Kit P/N: 5J.JC705.001 Ceiling Mount P/N: 5J.JCY10.001 Remote Control P/N: 5J.JC706.001 Optional Lens: (see reference chart)																										
UPC Code / P/N	8400460-3069-8 / 9H.JC877.26E																										
Limited Warranty	3 years warranty, 1 year / 2000 hours lamp life																										

\*Lamp life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.

BenQ Lens	P/N	Zoom Ratio	Throw Ratio	Lens Shift (Powered)	Marketing Model
STD Lens	5J.JAM37.001	1.3:1	1.81~2.38	0-50% Vertical; +-10% Horizontal	PZL-001
Wide Fix	5J.JAM37.011	Fixed	0.8	NA	PFL-011
Wide Zoom	5J.JAM37.021	1.41:1	1.31~1.87	0-50% Vertical; +-10% Horizontal	PZL-021
Long Zoom 1	5J.JAM37.031	1.5:1	3.76~5.64	0-50% Vertical; +-10% Horizontal	PZL-031
Long Zoom 2	5J.JAM37.041	1.55:1	5.56~8.67	0-50% Vertical; +-10% Horizontal	PZL-041
Semi Long Zoom	5J.JAM37.051	1.65:1	2.33~3.86	0-50% Vertical; +-10% Horizontal	PZL-051
Ultra Wide Zoom	5J.JAM37.061	1.25:1	0.78~0.98	0-45% Vertical; +-10% Horizontal	PZL-061

## Lens Images



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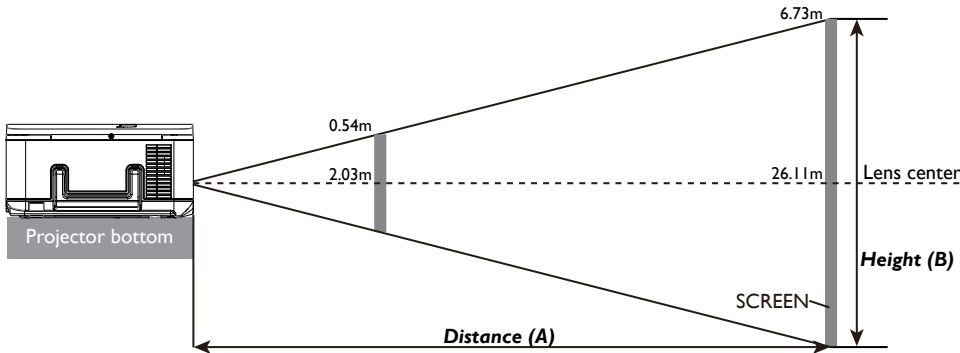
Because it matters

# PW9620 Digital Projector

## Distance Chart and Screen Size

Screen Size						5JJAM37.011		5JJAM37.021				5JJAM37.001				5JJAM37.051			
						Wide Fix Lens		Wide Zoom Lens				STD Lens				Semi long Zoom1			
Diagonal		Width		Height(B)		Distance(A)													
						N/A		Wide		Tele		Wide		Tele		Wide		Tele	
(inch)	(m)	(inch)	(m)	(inch)	(m)	(inch)	(m)	(inch)	(m)	(inch)	(m)	(inch)	(m)	(inch)	(m)	(inch)	(m)	(inch)	(m)
40	1.02	34	0.86	21	0.54	26.4	0.67	43.6	1.11	63.1	1.60	60.2	1.53	79.8	2.03	77.6	1.97	130.5	3.31
50	1.27	42	1.08	26	0.67	33.5	0.85	55.0	1.40	79.3	2.01	75.9	1.93	100.4	2.55	97.8	2.48	163.9	4.16
60	1.52	51	1.29	32	0.81	40.5	1.03	66.4	1.69	95.5	2.43	91.7	2.33	121.0	3.07	117.9	3.00	197.3	5.01
80	2.03	68	1.72	42	1.08	54.7	1.39	89.3	2.27	128.0	3.25	123.1	3.13	162.3	4.12	158.3	4.02	264.1	6.71
100	2.54	85	2.15	53	1.35	68.8	1.75	112.1	2.85	160.5	4.08	154.5	3.93	203.5	5.17	198.7	5.05	330.9	8.41
120	3.05	102	2.58	64	1.62	82.9	2.11	135.0	3.43	193.0	4.90	186.0	4.72	244.7	6.22	239.0	6.07	397.7	10.10
150	3.81	127	3.23	79	2.02	104.1	2.64	169.2	4.30	241.7	6.14	233.1	5.92	306.5	7.79	299.6	7.61	498.0	12.65
180	4.57	153	3.88	95	2.42	125.3	3.18	203.5	5.17	290.4	7.38	280.3	7.12	368.4	9.36	360.1	9.15	598.2	15.19
200	5.08	170	4.31	106	2.69	139.4	3.54	226.4	5.75	322.9	8.20	311.7	7.92	409.6	10.40	400.5	10.17	665.0	16.89
300	7.62	254	6.46	159	4.04	210.0	5.33	340.6	8.65	485.3	12.33	468.9	11.91	615.7	15.64	602.3	15.30	999.0	25.38
400	10.16	339	8.62	212	5.38	280.6	7.13	454.8	11.55	647.7	16.45	626.1	15.90	821.9	20.88	804.1	20.42	1333.1	33.86
500	12.70	424	10.77	265	6.73	351.2	8.92	569.0	14.45	810.1	20.58	783.3	19.90	1028.0	26.11	1005.9	25.55	1667.1	42.35

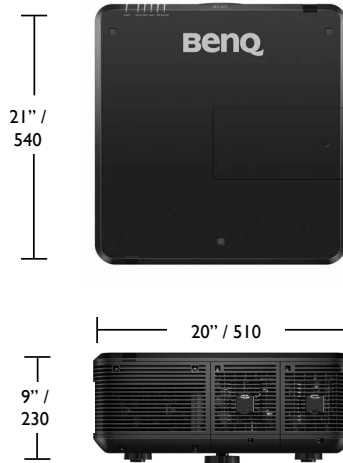
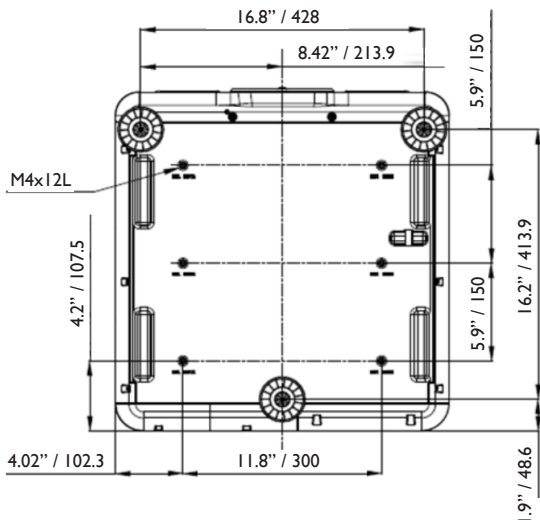
Screen Size						5JJAM37.031				5JJAM37.041				5JJAM37.061			
						Long Zoom 1 Lens				Long zoom 2 Lens				Ultra Wide zoom Lens			
Diagonal		Width		Height(B)		Distance(A)											
						Wide		Tele		Wide		Tele		Wide		Tele	
(inch)	(m)	(inch)	(m)	(inch)	(m)	(inch)	(m)	(inch)	(m)	(inch)	(m)	(inch)	(m)	(inch)	(m)	(inch)	(m)
40	1.02	34	0.86	21	0.54	124.9	3.17	190.3	4.83	183.3	4.65	292.2	7.42	25.8	0.65	32.8	0.83
50	1.27	42	1.08	26	0.67	157.5	4.00	239.2	6.08	232.0	5.89	368.1	9.35	32.7	0.83	41.4	1.05
60	1.52	51	1.29	32	0.81	190.1	4.83	288.1	7.32	280.7	7.13	444.0	11.28	39.6	1.00	50.0	1.27
80	2.03	68	1.72	42	1.08	255.2	6.48	385.9	9.80	378.1	9.60	595.9	15.13	53.3	1.35	67.3	1.71
100	2.54	85	2.15	53	1.35	320.3	8.14	483.7	12.29	475.6	12.08	747.7	18.99	67.1	1.70	84.5	2.15
120	3.05	102	2.58	64	1.62	385.5	9.79	581.5	14.77	573.0	14.55	899.6	22.85	80.9	2.05	101.8	2.59
150	3.81	127	3.23	79	2.02	483.2	12.27	728.2	18.50	719.1	18.27	1127.3	28.63	101.6	2.58	127.6	3.24
180	4.57	153	3.88	95	2.42	580.9	14.75	874.9	22.22	865.3	21.98	1355.1	34.42	122.2	3.10	153.5	3.90
200	5.08	170	4.31	106	2.69	646.0	16.41	972.7	24.71	962.7	24.45	1506.9	38.28	136.0	3.45	170.8	4.34
300	7.62	254	6.46	159	4.04	971.7	24.68	1461.8	37.13	1449.9	36.83	2266.2	57.56	204.9	5.20	257.0	6.53
400	10.16	339	8.62	212	5.38	1297.3	32.95	1950.8	49.55	1937.1	49.20	3025.4	76.85	273.8	6.95	343.2	8.72
500	12.70	424	10.77	265	6.73	1623.0	41.22	2439.8	61.97	2424.2	61.58	3784.7	96.13	342.7	8.70	429.4	10.91



## Ceiling Mount Chart

## Dimensions

Units: inch / mm



Because it matters