

DIGITAL
PROJECTOR

PW9520

Touchboards

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



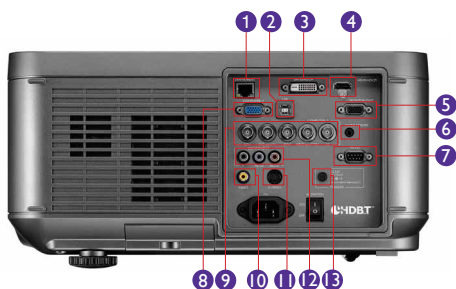
*lens is not included

Features

- Native WXGA (1280 x 800) Resolution
- 6,000 ANSI Lumens, 2,800:1 Contrast Ratio
- HDBaseT, HDMI
- Powered Focus, Zoom & Lens Shift
- 7 Optional Lenses
- Interchangeable Color Wheels
- 360 degree projection



Input and Output Terminals - Left Side View



- LAN (RJ45)
- USB (Type Mini B)
- DVI-D in
- HDMI
- Monitor out (D-sub 15pin)
- Wired Remote
- RS232 (DB-9pin)
- Computer 1 in (D-sub 15pin)
- Computer 2 in (5BNC, R/G/B/H/V)
- Video
- Component Video in (Y/Pb/Pr)
- S-Video in (Mini Din 4 pin)
- 12V Trigger

Specifications

Projection System	DLP®
Native Resolution	WXGA (1280 x 800)
Brightness	6,000 AL (Dual lamp, standard lens)
Contrast Ratio	2,800:1
Display Color	1.07 Billion Colors
Lens (Lens not included)	F2.5, f=5.1mm
Aspect Ratio	Native 16:10 (5 aspect ratio selectable)
Image Size (Diagonal)	80"~500"
Lamp Type	280W x 2
Lamp (Normal/Economic Mode)*	2500/3500 hours
Keystone Adjustment	Horizontal / Vertical ± 30 degrees
Resolution Support	VGA(640 x 480) to WUXGA_RB(1920 x 1200)
Horizontal Frequency	31K~92KHz
Vertical Scan Rate	23~85Hz
Compatibility	HDTV Compatibility: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p Video Compatibility: NTSC, PAL, SECAM
Interface	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 x 1 (Compatible with HDCP)
	DVI-D in x 1 (Compatible with HDCP)
	Component Video in (Y/Pb/Pr) x 1
	Composite Video in (RCA) x 1
	S-Video in (Mini Din 4 pin) x 1
	HDBaseT x 1 (Share with LAN)
	LAN (RJ45) x 1 (LAN Control)
	USB (Type B) x 1 (Download)
	12V Trigger x 1
	RS232 (DB-9pin) x 1
	Wired Remote x 1
	IR Receiver x 2 (Front+Rear)
Dimensions (WxHxD)	19.8" x 7.6" x 15.1" / 505 x 194 x 385 mm
Weight	36.3 lbs / 16.5 kgs (Without lens)
Power Supply	AC 100 to 240 V, 50/60 Hz
Power Consumption	AC100V, 710W (Standby Power <0.5W)
Audible Noise	39/34/35/32 db (Dual lamp normal/Dual lamp eco/Single lamp normal/Single lamp eco)
Languages	(12 Languages)
Picture Mode	Bright / Presentation / Cinema
Accessories (Standard)	Remote Control without Battery, 6 Segments Color Wheel, Power Cord, User Manual CD, Quick Start Guide, Warranty Card, VGA(D-sub 15pin) Cable
Accessories (Optional)	Spare Lamp Kit P/N: 5J.JAM05.001 Ceiling Mount P/N: 5J.JCY10.001
UPC / Part #	8400460-3232-6 / P/N: 9H.JDF77.26E
Limited Warranty	3 Years Parts/Labor; 1 Year or 2,000 hours of 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	Lens (optional)	Throw Ratio	Zoom Ratio	Lens Shift (Powered)
Wide Fix	5J.JAM37.011	F=1.85, f=11.6mm	0.8:1	Fixed	NA
Ultra Wide	5J.JAM37.061	F=1.96~2.3,	0.78~0.98:1	1.25:1	0-45% Vertical; +10% Horizontal
Wide Zoom	5J.JAM37.021	F=1.85~2.5, f=18.7~26.5mm	1.31~1.87:1	1.41:1	0-50% Vertical; +10% Horizontal
Standard	5J.JAM37.001	F=1.64~1.86, f=26~34mm	1.81~2.38:1	1.3:1	0-50% Vertical; +10% Horizontal
Semi Long	5J.JAM37.051	F=1.86~2.48, f=32.9~54.2mm	2.33~3.86:1	1.65:1	0-50% Vertical; +10% Horizontal
Long Zoom1	5J.JAM37.031	F=1.86~2.41, f=52.8~79.1mm	3.76~5.64:1	1.5:1	0-50% Vertical; +10% Horizontal
Long Zoom2	5J.JAM37.041	F=1.85~2.48, f=78.5~121.9mm	5.56~8.56:1	1.55:1	0-50% Vertical; +10% Horizontal

Lens Images



Standard Lens



Wide Fix



Long Zoom 1



Long Zoom 2



Wide Zoom



Semi Long Zoom



Ultra Wide Zoom



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BenQ

Because it matters

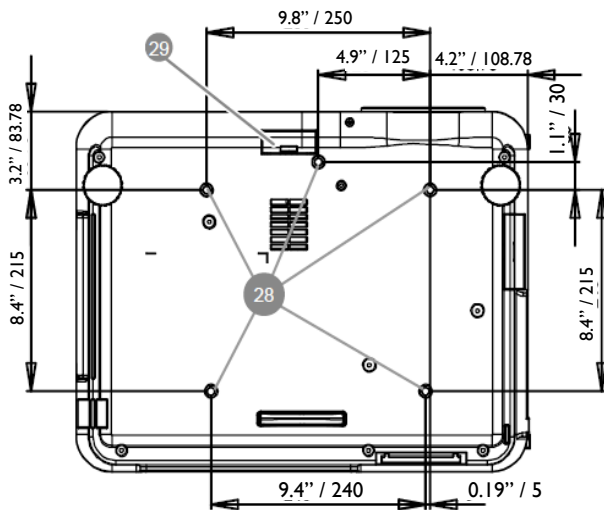
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Distance Chart

Screen Size						Wide Fix		Ultra Wide				Wide Zoom				Standard			
Diagonal		Width		Height		5J.JAM37.011		5J.JAM37.061				5J.JAM37.021				5J.JAM37.001			
						NA		Wide	Tele	Wide	Tele	Wide	Tele	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)
80	2.03	68	1.72	42	1.08	54.7	1.39	53.3	1.35	67.3	1.71	89.3	2.27	128	3.25	123.1	3.13	162.3	4.12
100	2.54	85	2.15	53	1.35	68.8	1.75	67.1	1.7	84.5	2.15	112.1	2.85	160.5	4.08	154.5	3.93	203.5	5.17
120	3.05	102	2.58	64	1.62	82.9	2.11	80.9	2.05	101.8	2.59	135	3.43	193	4.9	186	4.72	244.7	6.22
150	3.81	127	3.23	79	2.02	104.1	2.64	101.6	2.58	127.6	3.24	169.2	4.3	241.7	6.14	233.1	5.92	306.5	7.79
200	5.08	153	3.88	95	2.42	139.4	3.54	136	3.45	170.8	4.34	226.4	5.75	322.9	8.2	311.7	7.92	409.6	10.4
300	7.62	254	6.46	159	4.04	210	5.33	204.9	5.2	257	6.53	340.6	8.65	485.3	12.33	468.9	11.91	615.7	15.64
400	10.16	339	8.62	212	5.38	280.6	7.13	273.8	6.95	343.2	8.72	454.8	11.55	647.7	16.45	626.1	15.9	821.9	20.88
500	12.7	424	10.77	265	6.73	351.2	8.92	342.7	8.7	429.4	10.91	569	14.45	810.1	20.58	783.3	19.9	1028	26.11

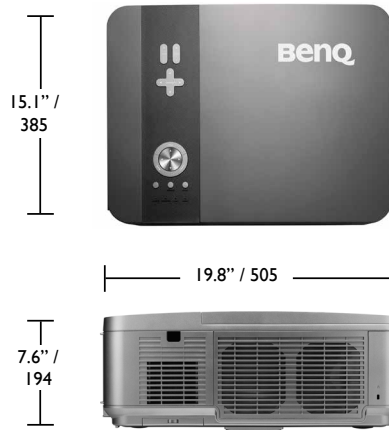
Screen Size						Semi Long				Long Zoom1				Long Zoom2			
Diagonal		Width		Height		5J.JAM37.051				5J.JAM37.031				5J.JAM37.041			
						Wide		Tele		Wide		Tele		Wide		Tele	
(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)
80	2.03	68	1.72	42	1.08	158.3	4.02	264.1	6.71	255.2	6.48	385.9	9.8	378.1	9.6	595.9	15.13
100	2.54	85	2.15	53	1.35	198.7	5.05	330.9	8.41	320.3	8.14	483.7	12.29	475.6	12.08	747.7	18.99
120	3.05	102	2.58	64	1.62	239	6.07	397.7	10.1	385.5	9.79	581.5	14.77	573	14.55	899.6	22.85
150	3.81	127	3.23	79	2.02	299.6	7.61	498	12.65	483.2	12.27	728.2	18.5	719.1	18.27	1127.3	28.63
200	5.08	153	3.88	95	2.42	400.5	10.17	665	16.89	646	16.41	972.7	24.71	962.7	24.45	1506.9	38.28
300	7.62	254	6.46	159	4.04	602.3	15.3	999	25.38	971.7	24.68	1461.8	37.13	1449.9	36.83	2266.2	57.56
400	10.16	339	8.62	212	5.38	804.1	20.42	1333.1	33.86	1297.3	32.95	1950.8	49.55	1937.1	49.2	3025.4	76.85
500	12.7	424	10.77	265	6.73	1005.9	25.55	1667.1	42.35	1623	41.22	2439.8	61.97	2424.2	61.58	3784.7	96.13

Ceiling Mount Chart



Dimensions

Units: inch / mm



*lens is not included



Because it matters