

Fall 2005



BenQ Projectors

Performance Matters

BenQ
Enjoyment Matters



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Category	Micro Series				Value Series				
Model	PB2140	PB2240	PB2250	CP120 (Wireless!)	PB6110	MP610 *	PB6210	MP720*	PB6240
Availability	Available Now	Available Now	Available in OCT	Available in Oct.	Available Now	Available in Oct.	Available Now	Available in Oct.	Available Now
Native Resolution	SVGA (800x600)	XGA (1024x768)	XGA (1024x768)	XGA (1024x768)	SVGA (800x600)	SVGA (800x600)	XGA (1024x768)	XGA (1024x768)	XGA (1024x768)
Brightness	1600 ANSI Lumens	2000 ANSI Lumens	2200 ANSI Lumens	1500 ANSI Lumens	1500 ANSI Lumens	2000 ANSI Lumens	2000 ANSI Lumens	2500 ANSI Lumens	2700 ANSI Lumens
Contrast Ratio	2000:1	2000:1	2000:1	2000:1	2000:1	2000:1	2000:1	2000:1	2000:1
Net Weight	4.2 lbs.	4.2 lbs.	4.2 lbs.	2.9 lbs	6.4 lbs.	6.4 lbs.	6.4 lbs.	6 lbs	6.4 lbs.
Display Technology	DLP™ by Texas Instruments	DLP™ by Texas Instruments	DLP™ by Texas Instruments	DLP™ by Texas Instruments	DLP™ by Texas Instruments	DLP™ by Texas Instruments	DLP™ by Texas Instruments	DLP™ by Texas Instruments	DLP™ by Texas Instruments
Resolution Supported	640x350 to 1280x1024	640x350 to 1280x1024	640x350 to 1280x1024	640x350 to 1280x1024	640x350 to 1280x1024	640x350 to 1280x1024	640x350 to 1280x1024	640x350 to 1280x1024	640x350 to 1280x1024
Image Size	22" - 300"	22" - 300"	22" - 300"	27" - 270"	20"-250"	31"-300"	31" -300"	31" -300"	31" -300"
Throw Ratio	60" @ 6.6ft.	60" @ 6.6ft.	60" @ 6.6ft.	54" @ 6.6ft.	60" @ 6.6ft.	55" @ 6.6ft.	60" @ 6.6ft.	55" @ 6.6ft.	60" @ 6.6ft.
Zoom Ratio	1:1.2	1:1.2	1:1.2	1:1.16	1:1.2	1:1.5	1:1.2	1:1.5	1:1.2
Optical Zoom	Manual Zoom, F=2.4 to 2.6	Manual Zoom, F=2.4 to 2.6	Manual Zoom, F=2.4 to 2.6	Manual Zoom, F=2.6 to 2.9	Manual Zoom, F=2.4 to 2.6	Manual Zoom, F=2.6 to 2.77	Manual Zoom, F=2.4 to 2.6	Manual Zoom, F=2.6 to 2.77	Manual Zoom, F=2.4 to 2.6
Digital Zoom/Digital Keystone	No/Yes	No/Yes	No/Yes	No/Yes	No/Yes	No/Yes	No/Yes	No/Yes	No/Yes
Lamp	200Watt, 3000hrs (Eco. Mode)	200Watt, 3000hrs (Eco. Mode)	200Watt, 3000hrs (Eco. Mode)	132Watt, 3000hrs (Eco. Mode)	200Watt, 3000hrs (Eco. Mode)	200Watt, 4000hrs (Eco. Mode)	200Watt, 3000hrs (Eco. Mode)	230Watt, 3000hrs (Eco. Mode)	250Watt, 3000hrs (Eco. Mode)
Video Compatibility	PC, Mac, NTSC, PAL, SECAM	PC, Mac, NTSC, PAL, SECAM	PC, Mac, NTSC, PAL, SECAM	PC, Mac, NTSC, PAL, SECAM	PC, Mac, NTSC, PAL, SECAM	PC, Mac, NTSC, PAL, SECAM	PC, Mac, NTSC, PAL, SECAM	PC, Mac, NTSC, PAL, SECAM	PC, Mac, NTSC, PAL, SECAM
Horizontal Frequency	20-88kHz	20-88kHz	20-88kHz	31-82kHz	20-88kHz	31-82kHz	20-88kHz	31-82kHz	20-88kHz
Vertical Scan Rate	20-100Hz	20-100Hz	20-100Hz	48-85Hz	20-100Hz	48-85Hz	20-100Hz	48-85Hz	20-100Hz
Audible Noise	<36/33 db(Normal/Eco mode)	<36/33 db(Normal/Eco mode)	<36/33 db(Normal/Eco mode)	<37/34 db(Normal/Eco mode)	<30/26 db(Normal/Eco mode)	<29/25 db(Normal/Eco mode)	<30/26 db(Normal/Eco mode)	<31/28 db(Normal/Eco mode)	<36/33 db(Normal/Eco mode)
Aspect Ratio	4:3/16:9 screen selectable	4:3/16:9 screen selectable	4:3/16:9 screen selectable	4:3/16:9 screen selectable	4:3/16:9 screen selectable	4:3/16:9 screen selectable	4:3/16:9 screen selectable	4:3/16:9 screen selectable	4:3/16:9 screen selectable
HDTV Compatibility	Yes/Optional Cable Required	Yes/Optional Cable Required	Yes/Optional Cable Required	Yes/Optional Cable Required	Yes/Optional Cable Required	Yes/Optional Cable Required	Yes/Optional Cable Required	Yes/Optional Cable Required	Yes/Optional Cable Required
Input Terminal - PC	Analog RGB x 1 (shared)	Analog RGB x 1 (shared)	Analog RGB x 1 (shared)	Analog RGB x 1 (shared)	Analog RGB x 1 (shared)	Analog RGB x 1 (shared)	Analog RGB x 1 (shared)	Analog RGB x 1 (shared)	Analog RGB x 1 (shared)
Input Terminal - AV	Component Video x 1 (shared) Composite Video x 1 S-Video x 1	Component Video x 1 (shared) Composite Video x 1 S-Video x 1	Component Video x 1 (shared) Composite Video x 1 S-Video x 1	Component Video x 1 (shared) Composite Video x 1 S-Video x 2	Component Video x 1 (shared) Composite Video x 1 S-Video x1	Component Video x 1 (shared) Composite Video x 1 S-Video x1	Component Video x 1 (shared) Composite Video x 1 S-Video x1	Component Video x 1 (shared) Composite Video x 1 S-Video x1	Component Video x 1 (shared) Composite Video x 1 S-Video x1
Output Terminal	1-watt Speaker x1	1-watt Speaker x 1	1-watt Speaker x 1	N/A	Analog RGB x1, 1-watt Speaker x1	Analog RGB x1, 2-watt Speaker x1	Analog RGB x 1 1-watt Speaker x1	Analog RGB x1, 2-watt Speaker x1	Analog RGB x1, 1-watt Speaker x1
Full-function Remote Control	Yes	Yes	Yes	Built-in Wireless Connection 802.11 a/b/g	Yes	Yes	Yes	Yes	Yes
Presentation Tool	Optional	Free Presentation Plus	Free Presentation Plus	Optional	Optional	Optional	Optional	Optional	Optional
Carrying Case	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Projection Position	Front/Rear; Table/Ceiling	Front/Rear; Table/Ceiling	Front/Rear; Table/Ceiling	Front/Rear; Table/Ceiling	Front/Rear; Table/Ceiling	Front/Rear; Table/Ceiling	Front/Rear; Table/Ceiling	Front/Rear; Table/Ceiling	Front/Rear; Table/Ceiling
Dimensions (W x H x D)	9.4" x 3.4" x 7.1"	9.4" x 3.4" x 7.1"	9.4" x 3.4" x 7.1"	8.58" x 6.77" x 2.4"	10.3" x 3.9" x 8.5"	10.3" x 3.9" x 8.5"	10.3" x 3.9" x 8.5"	10.3" x 3.9" x 8.5"	10.3" x 3.9" x 8.5"
MSRP	\$999	\$1,599	\$1,699	\$1,999	\$999	\$999	\$1,699	\$2,499	\$1,999
End User Promo	Free Lamp	Free Lamp	Free Lamp	Free Lamp	Free Lamp	Free Lamp	Free Lamp		

*Preliminary specs

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Category	Installation Series				Home Theatre Series		
Model	PB8140	PB8240	PB8250	PB8260	PE5120	PE7700	PE8720
Availability	Available Now	Available Now	Available Now	Available Now	Available Now	Available Now	Available Now
Native Resolution	SVGA (800x600)	XGA (1024x768)	XGA (1024x768)	XGA (1024x768)	WXGA (854x480)	WXGA (1280 x720)-16:9	WXGA (1280 x720)-16:9
Brightness	2000 ANSI Lumens	2500 ANSI Lumens	3000 ANSI Lumens	3500 ANSI Lumens	1100 ANSI Lumens	1100 ANSI Lumens	1000 ANSI Lumens
Contrast Ratio	2000:1	2000:1	2000:1	2000:1	2000:1	2500:1	6200:1
Net Weight	7.7 lbs.	7.7 lbs.	7.9 lbs.	7.9 lbs.	6.4 lbs.	12 lbs.	20 lbs.
Display Technology	DLP™ by Texas Instruments	DLP™ by Texas Instruments	DLP™ by Texas Instruments	DLP™ by Texas Instruments	DLP™ by Texas Instruments	DLP™ by Texas Instruments	DLP™ by Texas Instruments
Resolution Supported	640x350 to 1280x1024	640x350 to 1280x1024	640x350 to 1280x1024	640x350 to 1280x1024	640x350 to 1280x1024	640x400 to 1024x768 (PC)	1280 x 720
Image Size	22" - 300"	22" - 300"	22" - 300"	22" - 300"	31" - 300"	31" - 250"	23.5" - 300"
Throw Ratio	60" @ 6.6ft.	60" @ 6.6ft.	60" @ 6.6ft.	60" @ 6.6ft.	60" @ 6.6ft.	100" @ 9.8ft.	100" @ 13.1ft.
Zoom Ratio	1:1.2	1:1.2	1:1.2	1:1.2	1:1.2	1:1.2	1:1.35
Optical Zoom	Manual Zoom, F=2.4 to 2.6	Manual Zoom, F=2.4 to 2.6	Manual Zoom, F=2.4 to 2.6	Manual Zoom, F=2.4 to 2.6	Manual Zoom, F=2.4 to 2.6	Manual Zoom, F=2.8 to 3.42	Manual Zoom, F=2.4 to 2.8
Digital Zoom/Digital Keystone	10x/Yes	10x/Yes	10x/Yes	10x/Yes	No/Yes	10x/Yes	10x/Yes
Lamp	250Watt, 3000hrs (Eco. Mode)	250Watt UHP, 2000NS (Eco. Mode)	300Watt UHP, 3000hrs (Eco. Mode)	300Watt UHP 3000hrs (Eco. Mode)	200Watt, 3000hrs (Eco Mode)	250Watt-3000hrs (Eco.mode)	250Watt-3000hrs (Eco.mode)
Video Compatibility	PC, Mac, NTSC, PAL, SECAM	PC, Mac, NTSC, PAL, SECAM	PC, Mac, NTSC, PAL, SECAM	PC, Mac, NTSC, PAL, SECAM	PC, Mac, NTSC, PAL, SECAM	PC, Mac, NTSC, PAL, SECAM	PC, Mac, NTSC, PAL, SECAM
Horizontal Frequency	24-88kHz	24-88kHz	24-88kHz	24-88kHz	24-68kHz	15-75kHz	15-75kHz
Vertical Scan Rate	48-100Hz	48-100Hz	48-100Hz	48-100Hz	48-85Hz	50-100Hz	50-100Hz
Audible Noise	<33/28 db(Normal/Eco mode)	<33/28 db(Normal/Eco mode)	<33/30 db(Normal/Eco mode)	<34/31 db(Normal/Eco mode)	<29/26 db(Normal/Eco mode)	<29/26 db(Normal/Eco mode)	<26/23 db(Normal/Eco mode)
Aspect Ratio	4:3/16:9 screen selectable	4:3/16:9 screen selectable	4:3/16:9 screen selectable	4:3/16:9 screen selectable	4:3/16:9 screen selectable	4:3/16:9 screen selectable	4:3/16:9 screen selectable
HDTV Compatibility	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Input Terminal - PC	Analog RGB x 1 (shared) Analog RGB: DVI-I x 1 (shared) Digital RGB: DVI x 1	Analog RGB x 1 (shared) Analog RGB: DVI-I x 1 (shared) Digital RGB: DVI x 1	Analog RGB x 1 (shared) Analog RGB: DVI-I x 1 (shared) Digital RGB: DVI x 1	Analog RGB: DVI-I x 1 (shared) Analog RGB: DVI-I x 1 (shared) Digital RGB: DVI x 1 Wireless Network	Analog RGB: DVI-I x 1 (shared) Digital RGB: DVI x 1 (HDCP)	Analog RGB: x 1 (shared) Digital RGB: HDMI x 1 (HDCP)	Analog RGB: DVI-I x 1 (shared) Digital RGB: HDMI x 1 (HDCP)
Input Terminal - AV	Component Video x 1 (shared) Composite Video x 1 S-Video x 1	Component Video x 1 (shared) Composite Video x 1 S-Video x 1	Component Video x 1 (shared) Composite Video x 1 S-Video x 1	Component Video x 1 (shared) Composite Video x 1 S-Video x 1	Component Video RCA x 3 Composite Video x 1 S-Video x 1	Progressive Component: BNC x 5 Component Video RCA x 3 Composite Video x 1/S-Video x 1 RS232 Control Port x 1 RGB: HDMI/HDCP	Progressive Component: BNC x 5 Component Video RCA x 3 Composite Video x 1/S-Video x 1 RS232 Control Port x 1 RGB: HDMI/HDCP
Output Terminal	Analog RGB x 1 1-watt Speaker x1	Analog RGB x 1 1-watt Speaker x1	Analog RGB x 1 1-watt Speaker x1	Analog RGB x 1 1-watt Speaker x1	No	No	12 Volts Trigger
Full-function Remote Control	Yes (with Wireless Mouse and Laser Pointer)	Yes (with Wireless Mouse and Laser Pointer)	Yes (with Wireless Mouse and Laser Pointer)	Yes (with Wireless Mouse and Laser Pointer)	Optional	Optional	Optional
Presentation Tool	Optional	Optional	Optional	Optional	Yes	N/A	N/A
Carrying Case	Yes	Yes	Yes	Yes	Front/Rear, Table/Ceiling	Front/Rear, Table/Ceiling	Front/Rear, Table/Ceiling
Projection Position	Front/Rear, Table/Ceiling	Front/Rear, Table/Ceiling	Front/Rear, Table/Ceiling	Front/Rear, Table/Ceiling	10.3" x 3.9" x 8.5"	15"x4.5"x11.8"	15.8"x4.7"x11.1"
Dimensions (W x H x D)	12.6" x 4.2" x 9.3"	12.6" x 4.2" x 9.3"	12.6" x 4.2" x 9.3"	12.6" x 4.2" x 9.3"	3 years with 1st year QXchange	3 years with 1st year QXchange	3 years with 1st year QXchange
MSRP	\$1,299	\$2,499	\$2,999	\$3,499	\$1,299	\$3,999	\$7,999
End User Promo	Free Mount	Free Mount		Free Mount	Free Lamp	Free Mount	

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