

# Digital Projector



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Available in Jan 2005



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	Micro Series		Value Series				PalmPro Series		
Model Name	PB2140	PB2240	PB6100	PB6110	PB6200	PB6210	PB7110	PB7210	PB7230
Native Resolution	SVGA (800x600)	XGA (1024x768)	SVGA (800 x 600)	SVGA (800 x 600)	XGA (1024x768)	XGA (1024x768)	SVGA (800x600)	XGA (1024x768)	XGA (1024x768)
Brightness	1600 ANSI Lumens	2000 ANSI Lumens	1500 ANSI Lumens	1500 ANSI Lumens	1700 ANSI Lumens	2000 ANSI Lumens	1800 ANSI Lumens	2200 ANSI Lumens	2500 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.	5.8 lbs.	6.4 lbs.	5.8 lbs.	6.4 lbs.	5.9 lbs.	5.9 lbs.	5.9 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
Panel	0.55" 12" DDR DMD™ x 1	0.7" 12" DDR DMD™ x 1	0.55" 12" DDR DMD™ x 1	0.55" 12" DDR DMD™ x 1	0.7" 12" DDR DMD™ x 1	0.7" 12" DDR DMD™ x 1	0.55" 12" DDR DMD™ x 1	0.7" 12" DDR DMD™ x 1	0.7" 12" DDR DMD™ x 1
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"	20" - 250"	20" - 250"	22" - 300"	31" - 300"	20" - 250"	22" - 300"	22" - 300"
Throw Ratio	60" @ 6.6ft.	60" @ 6.6ft.	48" @ 6.6ft.	60" @ 6.6ft.	60" @ 6.6ft.	60" @ 6.6ft.	50" @ 6.6ft.	60" @ 6.6ft.	60" @ 6.6ft.
Zoom Ratio	1:1.2	1:1.2	1:1.2	1:1.2	1:1.2	1:1.2	1:1.2	1:1.2	1:1.2
Optical Zoom	Manual Zoom, F=2.4 to 2.6	Manual Zoom, F=2.4 to 2.6	Manual Zoom, F=2.6 to 3.1	Manual Zoom, F=2.4 to 2.6	Manual Zoom, F=2.6 to 3.1	Manual Zoom, F=2.4 to 2.6	Manual Zoom, F=2.6 to 3.1	Manual Zoom, F=2.6 to 3.1	Manual Zoom, F=2.6 to 3.1
Digital Zoom/Digital Keystone	No/Yes	No/Yes	No/Yes	No/Yes	No/Yes	No/Yes	10x/Yes	10x/Yes	10x/Yes
Lamp	200Watt, 3000hrs (Economic Mode)	200Watt, 3000hrs (Economic Mode)	200Watt NSH - 3000hrs.*	200Watt, 3000hrs (Economic Mode)	200Watt NSH - 3000hrs.*	200Watt, 3000hrs (Economic Mode)	250Watt, 3000hrs (Economic Mode)	250Watt, 3000hrs (Economic Mode)	250Watt, 3000hrs (Economic 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
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	Yes	Yes
PIP (Picture in Picture)	No	No	Yes	No	Yes	No	Yes	Yes	Yes
Input Terminal - PC	Analog RGB x 1 (shared)	Analog RGB x 1 (shared)	Analog RGB x 1	Analog RGB x 1 (shared)	Analog RGB x 1	Analog RGB x 1 (shared)	Analog RGB x 1 Analog RGB x 1 (shared)	Analog RGB x 1 Analog RGB x 1 (shared)	Analog RGB x 1 Analog RGB x 1 (shared)
Input Terminal - A/V	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	S-Video x 1 Composite Video x 1	Component Video x 1 (shared) Composite Video x 1 S-Video x 1	S-Video x 1 Composite 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 x 1 (shared) Composite Video x 1 S-Video x 1
Output Terminal	1-watt Speaker x 1	1-watt Speaker x 1	No	Analog RGB x 1 1-watt Speaker x 1	No	Analog RGB x 1 1-watt Speaker x 1	2-watt Speaker x 1	2-watt Speaker x 1	2-watt Speaker x 1
Full-function Remote Control	Yes	Yes	Yes	Yes	Yes	Yes	Yes(with Wireless Mouse and Laser Pointer)	Yes(with Wireless Mouse and Laser Pointer)	Yes(with Wireless Mouse and Laser Pointer)
Presentation Tool	Optional	Free Presentation Plus	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Carrying Case	Yes	Yes	Optional	Yes	Optional	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"	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"	10.2" x 3.2" x 8.3"	10.2" x 3.2" x 8.3"	10.2" x 3.2" x 8.3"
Box Dimension (W x H x D)	14" x 14.6" x 9.5"	14" x 14.6" x 9.5"	17.8" x 11.5" x 14.6"	17.8" x 11.5" x 14.6"	17.8" x 11.5" x 14.6"	17.8" x 11.5" x 14.6"	17.8" x 11.5" x 14.6"	17.8" x 11.5" x 14.6"	17.8" x 11.5" x 14.6"
Gross Weight	8.2 lbs.	8.2 lbs.	13.2 lbs.	13.2 lbs.	13.2 lbs.	12 lbs.	13.2 lbs.	13.2 lbs.	13.2 lbs.
Warranty <sup>2</sup>	3 years w/ 1 <sup>st</sup> year QXchange	3 years w/ 1 <sup>st</sup> year QXchange	3 years w/ 1 <sup>st</sup> year QXchange	3 years w/ 1 <sup>st</sup> year QXchange	3 years w/ 1 <sup>st</sup> year QXchange	3 years w/ 1 <sup>st</sup> year QXchange	3 years w/ 1 <sup>st</sup> year QXchange	3 years w/ 1 <sup>st</sup> year QXchange	3 years w/ 1 <sup>st</sup> year QXchange
Estimated Street Price	\$1,099	\$1,999	\$999	\$999	\$1,599	\$1,699	\$1,299	\$1,799	\$2,299

1. Presentation Pro: Ultra-slim RF(Radio Frequency) remote control with laser pointer and page scrolling for powerpoint presentation

2. Standard Warranty: 3 year limited warranty for parts and labor and 1<sup>st</sup> year FREE QXchange program

\*3000 hrs of lamp life while under Economy Mode. 2000 hours while under Standard Mode.

**BenQ America Corp.**

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# Digital Projector



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## Professional Series

## Home Cinema Series

Model Name	PB8140	PB8220	PB8240	PB8250	PB9200	PE5120	PE7800	PE8700
Native Resolution	SVGA (800x600)	XGA (1024x768)	XGA (1024x768)	XGA (1024x768)	XGA (1024x768)	WVGA (854x480)	WXGA (1024x576)-16:9	WSXGA (1280 x 720)-16:9
Brightness	2000 ANSI Lumens	2200 ANSI Lumens	2500 ANSI Lumens	3000 ANSI Lumens	4500 ANSI Lumens	1100 ANSI Lumens	800 ANSI Lumens	1000 ANSI Lumens
Contrast Ratio	2000:1	2000:1	2000:1	2000:1	800:1	2000:1	2000:1	2000:1
Net Weight	7.7 lbs.	6.9 lbs.	7.7 lbs.	7.9 lbs.	17 lbs.	6.4 lbs.	14.8 lbs.	14.8 lbs.
Display Technology	DLP™ by Texas Instruments	DLP™ by Texas Instruments	DLP™ by Texas Instruments	DLP™ by Texas Instruments	Polysilicon active-matrix TFT LCD	DLP™ by Texas Instruments	DLP™ by Texas Instruments	DLP™ by Texas Instruments
Panel	0.55" 12" DDR DMD™ x 1	0.7" 12" DDR DMD™ x 1	0.7" 12" DDR DMD™ x 1	0.7" 12" DDR DMD™ x 1	0.99" P-Si TFT LCD (with Micro Lens) x 3	0.53" 12" DDR DMD™ x 1	0.64" 12" DMD™ x 1 (Motherhorn)	0.8" 12" HD2 + DMD™ x 1 (Mustang) HD2 +
Resolution Supported	640x350 to 1280x1024	640x350 to 1280x1024	640x350 to 1280x1024	640x350 to 1280x1024	640x350 to 1280x1024	640x350 to 1280x1024	640x350 to 1024x768, 1280x1024(60Hz)	640x400 to 1024x768 (PC)
Image Size	22" - 300"	22" - 300"	22" - 300"	22" - 300"	40" - 500"	31" - 300"	40" - 250"	31" - 250"
Throw Ratio	60" @ 6.6ft.	60" @ 6.6ft.	60" @ 6.6ft.	60" @ 6.6ft.	100" @ 9.8ft.	60" @ 6.6ft.	80" @ 9.8ft.	100" @ 9.8ft.
Zoom Ratio	1:1.2	1:1.2	1:1.2	1:1.2	1:1.5 (Motorized Zoom)	1:1.2	1:1.2	1:1.2
Optical Zoom	Manual Zoom, F=2.4 to 2.6	Manual Zoom, F=2.6 to 3.1	Manual Zoom, F=2.4 to 2.6	Manual Zoom, F=2.4 to 2.6	Manual Zoom, F=1.7 to 2.4	Manual Zoom, F=2.4 to 2.6	Manual Zoom, F=2.8 to 3.42	Manual Zoom, F=2.8 to 3.42
Digital Zoom/Digital Keystone	10x/Yes	10x/Yes	10x/Yes	10x/Yes	4x/Yes	No/Yes	10X/Yes	10X/Yes
Lamp	250Watt 3000hrs (Economic Mode)	250Watt UHP - 2000hrs.	250Watt UHP 2000hrs (Economic Mode)	300Watt UHP 3000hrs (Economic Mode)	310Watt UHP 2000hrs. (Economic Mode)	200Watt 3000hrs (Economic Mode)	210Watt - VIP - 2000hrs.	210Watt - VIP - 2000hrs.
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
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
HDTV Compatibility	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PIP (Picture in Picture)	Yes	Yes	Yes	Yes	Yes	No	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	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 Analog RGB: BNC x 5 (shared) Digital RGB: M1-D (HDCP)	Analog RGB: DVI-I x 1 (shared) Digital RGB: DVI x 1 (HDCP)	Analog RGB: DVI-I x 1 (shared) Digital RGB: DVI x 1 (HDCP)	Analog RGB: DVI-I x 1 (shared) Digital RGB: DVI x 1 (HDCP)
Input Terminal - A/V	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	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, BNC x 3 (share RGB) 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: DVI-I/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: DVI-I/HDCP
Output Terminal	Analog RGB x 1 1-watt Speaker x 1	1-watt Speaker x 1	Analog RGB x 1 1-watt Speaker x 1	Analog RGB x 1 1-watt Speaker x 1	Analog RGB x 1 1-watt Speaker x 1 Stereo mini jack x 1	No	12 Volts Trigger	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)	Yes(with Wireless Mouse and Laser Pointer)	Yes	Yes	Yes
Presentation Tool	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Carrying Case	Yes	Yes	Yes	Yes	Yes	Yes	N/A	N/A
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
Dimensions (W x H x D)	12.6" x 4.2" x 9.3"	12.1" x 3.7" x 9.5"	12.6" x 4.2" x 9.3"	12.6" x 4.2" x 9.3"	16.5" x 6.3" x 12.6"	10.3" x 3.9" x 8.5"	15.8" x 4.7" x 11.1"	15.8" x 4.7" x 11.1"
Box Dimension (W x H x D)	17.8" x 11.5" x 14.6"	17.7" x 17.7" x 11"	17.8" x 11.5" x 14.6"	17.8" x 11.5" x 14.6"	20.5" x 14.1" x 19.3"	17.8" x 11.5" x 14.6"	21.2" x 10.2" x 20.5"	21.2" x 10.2" x 20.5"
Gross Weight	13.6 lbs.	16.1 lbs.	13.6 lbs.	13.7 lbs.	28.6 lbs.	12 lbs.	21 lbs.	21 lbs.
Warranty <sup>2</sup>	3 years with 1 <sup>st</sup> year QXchange	3 years with 1 <sup>st</sup> year QXchange	3 years with 1 <sup>st</sup> year QXchange	3 years with 1 <sup>st</sup> year QXchange	3 years with 1 <sup>st</sup> year QXchange	3 years with 1 <sup>st</sup> year QXchange	3 years with 1 <sup>st</sup> year QXchange	3 years with 1 <sup>st</sup> year QXchange
Estimated Street Price	\$1,299	\$1,699	\$2,399	\$3,199	\$6,499	\$1,399	\$2,999	\$4,999

1. Presentation Pro: Ultra-slim RF(Radio Frequency) remote control with laser pointer and page scrolling for powerpoint presentation  
 2. Standard Warranty: 3 year limited warranty for parts and labor and 1st year FREE QXchange program  
<sup>3</sup>3000 hrs of lamp life while under Economy Mode. 2000 hours while under Standard Mode.

**BenQ America Corp.**

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