



**Model**

<b>Home Cinema</b>	<b>Home Theater</b>	<b>Home Entertainment</b>
<b>PE8720</b>	<b>PE7700</b>	<b>PE5120</b>



Native Resolution	1280 x 720 (16:9)	1280 x 720 (16:9)	854 x 480 (16:9)
<b>Projection System</b>	DLP™	DLP™	DLP™
<b>Brightness</b>	1000 ANSI lumens	1100 ANSI lumens	1100 ANSI lumens
<b>Lamp</b>	250W, 2000/3000 hours (Normal/Economic Mode)	250W, 2000/3000 hours (Normal/Economic Mode)	200W, 2000/3000 hours (Normal/Economic Mode)
<b>Contrast Ratio</b>	6200:1	2500:1	2000:1
<b>Weight</b>	20 lb (9 kg)	12 lbs (5.5 kg)	6.38 lbs (2.9 kg)
<b>Audio Noise</b>	25/23 dB (Normal/Whisper mode)	29/26 dB (Normal/Economic Mode)	29/26 dB (Normal/Economic Mode)
<b>Resolution Support</b>	640 x 400 to 1024 x 768	640 x 400 to 1024 x 768	640 x 400 to 1024 x 768
<b>Dimension (WxHxD)</b>	19 x 7.6 x 15.4 inches (492 x 195 x 393 mm)	15 x 4.5 x 11.8 inches (380 x 115 x 300 mm)	10.3 x 3.9 x 8.5 inches (262 x 99 x 216 mm)
<b>Image Size</b>	23.5" to 300"	37" to 300"	31" to 300"
<b>Throw Ratio</b>	100" @ 4m (100" @ 13.12 feet)	100" @ 3m (100" @ 9.8 feet)	60" @ 2m (60" @ 6.6 feet)
<b>Zoom Ratio</b>	Motorized zoom, 1.35:1	Manual zoom, 1.37:1	Manual zoom, 1.22:1
<b>Lens</b>	F=2.4 to 2.8, f=32.1 - 43mm	F=2.4 to 2.8, f=23.98 - 32.4mm	F=2.4-2.6, f=24.0-29.1mm
<b>Color</b>	Full 16.7 million color palette	Full 16.7 million color palette	Full 16.7 million color palette
<b>Aspect Ratio</b>	Native 16:9 (5 aspect ratio selectable)	Native 16:9 (5 aspect ratio selectable)	Native 16:9; 4:3 selectable
<b>Horizontal Frequency</b>	15 - 75 kHz	15 - 75 kHz	31 - 82 kHz
<b>Vertical Scan Rate</b>	50 - 85 Hz	50 - 85 Hz	48 - 85 Hz
<b>Projection Position</b>	Front/rear, table/ceiling	Front/rear, table/ceiling	Front/rear, table/ceiling
<b>Input Terminals (PC)</b>	Analog RGB, BNC x 3	Analog RGB, BNC x 3 (BNC to VGA adapter included in box)	Digital RGB: DVI-I x 1 (HDCP)
<b>Input Terminals (Video)</b>	Digital: HDMI (with HDCP) x 1 Composite Video: RCA x 1 S-Video: Mini Din 4 pin x 1 Component Video 1: BNC x 5 Component Video 2: RCA x 3	Digital: HDMI (with HDCP) x 1 Composite Video: RCA x 3 S-Video: Mini Din 4 pin x 1 Component Video 1: BNC x 5 Component Video 2: RCA x 3	Component Video: RCA x 3 S-Video: Mini Din 4 pin x 1 Composite Video: RCA x 1
<b>Input Terminals (Audio)</b>	-	-	-
<b>Control Terminals</b>	RS232 Serial Control: Mini Din 9 pin x 1	RS232 Serial Control: Mini Din 9 pin x 1	USB Serial Control: USB x 1, type mini B
<b>Output Terminals</b>	-	-	-
<b>Video Compatibility</b>	NTSC/PAL/SECAM	NTSC/PAL/SECAM	NTSC/PAL/SECAM
<b>Auto Switching Power Supply</b>	100 to 240 VAC, 50 to 60 Hz	100 to 240 VAC, 50 to 60 Hz	100 to 240 VAC, 50 to 60 Hz
<b>Power Consumption</b>	Max 320W	Max 320W	Max 285W
<b>On-Screen Display Language</b>	English/French/German/Italian/Spanish/Japanese/Russian/Dutch/Simplified Chinese/Traditional Chinese	English/French/German/Italian/Spanish/Japanese/Simplified Chinese/Traditional Chinese	English/French/German/Italian/Spanish/Korean/Simplified Chinese/Traditional Chinese/Japanese/Russian
<b>Preset Modes/ Application Modes</b>	<ul style="list-style-type: none"> <li>Cinema Mode</li> <li>Home Theater Mode</li> <li>Family Room Mode</li> <li>Photo Mode</li> <li>Gaming Mode</li> </ul>	<ul style="list-style-type: none"> <li>Cinema Mode</li> <li>Home Theater Mode</li> <li>Family Room Mode</li> <li>Photo Mode</li> <li>Gaming Mode</li> </ul>	<ul style="list-style-type: none"> <li>PC input:</li> <li>Presentation Mode</li> <li>Video Mode</li> <li>Vivid Mode</li> <li>Economic Mode</li> <li>Video input:</li> <li>Gaming Mode</li> <li>Video Mode</li> <li>Cinema Mode</li> <li>Economic Mode</li> </ul>
<b>Functions</b>	<ul style="list-style-type: none"> <li>TI DarkChip3 DMD</li> <li>Faroudja DCD processing</li> <li>Professional AV input (PC/DTV)</li> <li>HDTV compatible (YPbPr)</li> <li>BenQ proprietary Senseeye technology</li> <li>3D Color Management</li> <li>HD ready</li> <li>Dust proof with Air-Filter</li> <li>Motorized IRIS adjustment</li> <li>Powered lens shift</li> </ul>	<ul style="list-style-type: none"> <li>Powered focus</li> <li>Powered zoom</li> <li>PIP, POP</li> <li>User memory setting</li> <li>Independent color adjustment</li> <li>HD Ready</li> <li>HDTV compatible (YPbPr)</li> <li>Professional AV input (HDMI)</li> <li>Dust proof with Air-Filter</li> <li>BenQ proprietary Senseeye technology</li> </ul>	<ul style="list-style-type: none"> <li>Digital keystone</li> <li>Digital image adjustment</li> <li>Freeze</li> <li>Progressive scan</li> <li>Source detection</li> <li>HDTV compatible</li> <li>Mac compatible</li> <li>8 sets of preset mode</li> <li>Doluxe soft carry case</li> </ul>
<b>Accessories (Standard)</b>	<ul style="list-style-type: none"> <li>User's manual</li> <li>Remote control</li> <li>AAA batteries</li> <li>Warranty information booklet</li> <li>PWR cord</li> </ul>	<ul style="list-style-type: none"> <li>Component cable</li> <li>Micro dust filter</li> <li>User's manual</li> <li>Video cable</li> <li>S-Video cable</li> <li>VGA-BNC x 3 cable</li> <li>Micro dust filter</li> <li>PWR cord</li> </ul>	<ul style="list-style-type: none"> <li>User's manual</li> <li>Quick start guide</li> <li>Remote control</li> <li>Battery</li> <li>Video cable</li> <li>S-Video cable</li> <li>PWR cord</li> <li>VGA to DVI cable</li> <li>Warranty information booklet</li> </ul>
<b>Accessories (Optional)</b>	<ul style="list-style-type: none"> <li>Ceiling mounting kit</li> <li>Spare lamp kit</li> <li>Micro dust filter</li> <li>VGA-BNC x 3 cable</li> </ul>	<ul style="list-style-type: none"> <li>Remote control</li> <li>Ceiling mounting kit</li> <li>Spare lamp kit</li> <li>Micro dust filter</li> <li>Remote control</li> </ul>	<ul style="list-style-type: none"> <li>Mac adapter</li> <li>Ceiling mounting kit</li> <li>Remote control</li> </ul>

# BenQ.com

The professional digital projector manufacturer.

As the world's 1st tier DLP projector manufacturer, BenQ is in pursuit of an ever-perfect projector that delivers a visual comfort experience for both business presentation and home entertainment. Combining high performance, versatility, ease of use and multimedia capacities with ergonomic design have enabled BenQ Corporation to deliver digital projector that featuring advanced technology. Major publications worldwide have recognized BenQ's value with awards and recommendations for our digital projectors. With BenQ, enjoyment matters.

## Product Line-up

Series	Models	Description
Stationary	PB8260	XGA, 3500 lm, Wireless
	PB8250	XGA, 3000 lm
	PB8140	SVGA, 2000 lm
Mainstream	MP720	XGA, 2500 lm, sRGB, Wireless (optional)
	PB6240	XGA, 2700 lm, sRGB
	PB6210	XGA, 2000 lm
	MP610	SVGA, 2000 lm, 25dB, sRGB
	PB2250	XGA, 2200 lm
Commuter	PB2140	SVGA, 1600 lm
	CP120	XGA, 1500 lm, 1.3kg, sRGB, Wireless
Home application	Cinema	PE8720 720P, 6200:1, Darkchip 3
	Theater	PE7700 720P, 2500:1, HDMI
	Entertainment	PE5120 480P, 2000:1

## Awards



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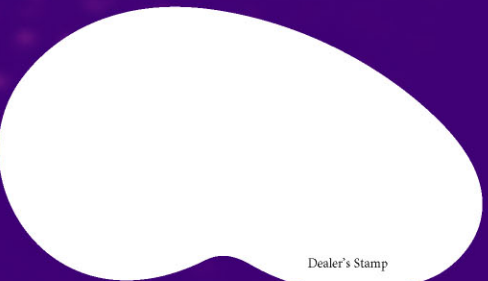
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Dealer's Stamp

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Enjoyment Matters

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Digital Projector Series

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