



BenQ LW820ST data projector Short throw projector 3600 ANSI lumens DLP WXGA (1280x800) White

Brand : BenQ

Product code: LW820ST

Product name : LW820ST

3600 ANSI lumens, DLP, 1280 x 800, 16:10, 60 - 120", 0.65" (DMD), Laser, NTSC/PAL/SECAM, 3 x VGA, 2 x HDMI, LAN, 5.6 kg

BenQ LW820ST. Projector brightness: 3600 ANSI lumens, Projection technology: DLP, Projector native resolution: WXGA (1280x800). Light source type: Laser, Service life of light source: 20000 h, Lamps quantity: 1 lamp(s). Focus: Manual, Focal length range: 7.46 - 7.46 mm, Aperture range (F-F): 2.79 - 2.79. Analog signal format system: NTSC, PAL, SECAM, Supported graphics resolutions: 640 x 480 (VGA), 1920 x 1200 (WUXGA), Supported video modes: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p. Serial interface type: RS-232, HDMI connector type: Full-size



Projector		Network	
Supported aspect ratios	16:10	Wi-Fi *	✗
Screen size compatibility *	1524 - 3048 mm (60 - 120")	Storage	
Projector brightness *	3600 ANSI lumens	Card reader integrated *	✗
Projection technology *	DLP	Features	
Projector native resolution *	WXGA (1280x800)	Noise level (economic mode)	29 dB
Contrast ratio (typical) *	3000000:1	On Screen Display (OSD)	✓
Native aspect ratio *	16:10	On Screen Display (OSD) languages	Arabic, Bulgarian, Simplified Chinese, Traditional Chinese, Croatian, Czech, Danish, German, English, Spanish, Finnish, French, Greek, Hindi, Hungarian, Indonesian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, Russian, Swedish, Thai, Turkish
Number of colours	1.073 billion colours		
Keystone correction, horizontal	-30 - 30°	Number of OSD languages	28
Keystone correction, vertical	-30 - 30°	Noise level *	33 dB
Matrix size	1.65 cm (0.65")	Multimedia	
Matrix type	DMD	Built-in speaker(s) *	✓
Light source		RMS rated power	10 W
Light source type *	Laser	Number of built-in speakers	1
Service life of light source *	20000 h	Design	
Lamps quantity	1 lamp(s)	Market positioning *	Presentation
Lens system		Product type *	Short throw projector
Focus *	Manual	Product colour *	White
Focal length range	7.46 - 7.46 mm	Placement	Desktop
Aperture range (F-F)	2.79 - 2.79	Cable lock slot	✓
Throw ratio	0.52	Cable lock slot type	Kensington
Offset	106.1%		
Video			
Analog signal format system *	NTSC, PAL, SECAM		
3D *	✗		
Supported graphics resolutions	640 x 480 (VGA), 1920 x 1200 (WUXGA)		

Video		Display	
Supported video modes	480i, 480p, 576i, 576p, 720p, 1080i, 1080p	Built-in display *	✗
Ports & interfaces		Power	
HDMI connector type	Full-size	Power source *	AC
S-Video inputs quantity	1	Power consumption (typical) *	283 W
USB 2.0 ports quantity	1	Power consumption (standby) *	0.5 W
Mini-USB 2.0 ports quantity	1	Power consumption (max)	320 W
Audio (L/R) in *	1	Power consumption (economy mode)	234 W
Microphone in	✓	AC input voltage	100 - 240 V
Serial interface type *	RS-232	AC input frequency	50 - 60 Hz
PC Audio in	✓	Operational conditions	
PC Audio out	✓	Operating temperature (T-T)	0 - 40 °C
VGA (D-Sub) ports quantity *	3	Storage temperature (T-T)	-20 - 60 °C
HDMI ports quantity *	2	Operating relative humidity (H-H)	10 - 90%
Composite video in *	1	Storage relative humidity (H-H)	10 - 90%
DVI port *	✗	Operating altitude	0 - 1499 m
Mobile High-Definition Link (MHL)	✓	Weight & dimensions	
Network		Width	410 mm
Smart TV *	✗	Depth	272 mm
Ethernet LAN *	✓	Height	158 mm
Ethernet LAN (RJ-45) ports	1	Weight *	5.6 kg
Packaging content			
		Remote control included *	✓
		Batteries included	✓
		Cables included	AC, VGA
		Manual	✓

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