

GT1080Darbee

Get closer! More depth, more detail

- Create a 100" Full HD 1080p image from just over a metre away
- Lights on viewing – 3000 ANSI Lumens
- Easy connectivity - 2x HDMI and MHL support with built-in 16W speaker
- Award winning Darbee Visual Presence™ technology inside, 16ms response time



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The all new GT1080Darbee short throw projector builds on the success of the popular GT1080, integrating DARBEE Visual Presence™ image enhancement technology to bring revolutionary levels of depth and realism. It also features Enhanced Gaming Mode with a 16ms response time, ideal for gaming enthusiasts.

A short throw lens design allows the GT1080Darbee to be placed on a coffee table and project a stunning 100 inch Full HD 1080p image on a flat surface or screen from just over a metre away. Easy to move around your home, it even comes complete with integrated speakers and a carry bag so you can take it to a friend's for a sports event, movie night or games marathon.

Optoma's advanced colour technology, multiple settings and features enable users to enjoy long-lasting, reliable and precise colour for vibrant, lifelike images - perfect for immersive gaming, live sports and home entertainment any time of day.

Two HDMI inputs enable an easy setup. Games consoles, Blu-ray players, set top boxes or other HDMI devices like Google Chromecast, Amazon Fire Stick or Apple TV™ can be connected. Perfect for gaming, streaming videos and sharing photos on the big screen in the comfort of your own home.

Specification

Display Technology	Single 0.65" DarkChip 3 1080p DLP® Technology by Texas Instruments
Native Resolution	1080p 1920 x 1080
Brightness ¹ (Bright Mode)	3000 ANSI Lumens
Contrast	28,000:1
Lamp Life ² Dynamic/Eco/Bright	8000/6000/5000 (hrs)
Throw Ratio	0.49:1
Zoom Type	Fixed
I/O Connectors	2 x HDMI (1.4a 3D support) + MHL v1.2, Audio Out 3.5mm, 12V trigger, 3D-Sync, USB-A Power (1A), USB service
Speaker	16
Keystone Correction	± 40° Vertical
Weight (kg)	2.66
Dimensions (W x D x H) (mm)	315 x 224 x 114
Aspect Ratio	16:9 Native, 4:3 Compatible
Offset	116% ±5%
Projection Screen Size	1.15 - 7.67m (45.3" - 300") Diagonal 16:9
Projection Distance	0.5 - 3.35 metres
Projection Lens	F/2.8; f=7.42mm
Uniformity	80%
Maximum Resolution	Full HD 1920 x 1080
Computer Compatibility	UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
Video Compatibility	480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz)
3D Support	Full 3D - The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems. 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sony® PS3 or Microsoft® Xbox 360 are now supported as part of the HDMI v1.4a specification.
3D Compatibility	Side-by-Side: 1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
Input Lag (ms)	16
Horizontal Scan Rate	15.375-91.146 KHz
Vertical Scan Rate	24 ~ 85Hz (120Hz for 3D)
Displayable Colours	1073.4 Million
Noise Level (Eco mode)	26dB
Power Supply	100-240V, 50-60Hz
Power Consumption	225W Bright mode / 187W Eco mode (< 0.5W Standby)
Lamp Type	195W
Operating Conditions	5°C - 40°C, Max. Humidity 85%, Max. Altitude 3000m
Security	Security bar, Kensington lock, password protection
On Screen Display	27 Languages: English, French, German, Spanish, Italian, Portuguese, Dutch, Swedish, Finnish, Greek, Danish, Norwegian, Polish, Russian, Simplified_Chinese, Traditional_Chinese, Korean, Arabic, Japanese, Thai, Hungarian, Czechoslovak, Turkish, Vietnamese, Farsi, Romanian, Indonesian
Standard Accessories	Carry bag, lens cap, AC power cord, remote control, 2x AA batteries, Basic user manual
Optional Accessories	3D glasses, wireless, ceiling mount
Optional Wireless	Yes
Warranty	2 Years
RoHS	Compliant



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¹Lamp based projectors brightness and lifetime will vary depending on selected projector mode, environmental conditions and usage. As is common with all lamp based projectors, brightness will decrease over the lamp lifetime. LED projectors do not have a replaceable lamp and the brightness does not decay significantly over the product lifetime.

²Typical lamp life achieved through testing. Will vary according to operational use and environmental conditions

*The quoted LED brightness rating is based on the perceived equivalent ANSI lumen brightness when compared to a standard lamp projector. The LED brightness rating takes into account the Helmholtz–Kohlrausch (HK) effect on the perceived brightness of colours.

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