

# Home Cinema 640 SVGA 3LCD Projector

Projectors

Home Cinema



## The home theater projector offering big-screen fun for the whole family.

**Up to 3x Higher Color Brightness<sup>1</sup>, and reliable performance** — 3LCD, 3-chip technology

**One measurement of brightness is not enough** — look for both high color brightness and high white brightness. The Home Cinema 640 has:

**Color Brightness:** 3200 lumens<sup>2</sup>

**White Brightness:** 3200 lumens<sup>2</sup>

**All-digital HDMI<sup>®</sup> connectivity** — connect your cable/satellite box, Blu-ray Disc<sup>®</sup> player, gaming console or streaming device

**Built-in 2 W speaker** — for even better sound, add your own home theater sound system

**Easy-Slide horizontal image correction** — place the projector virtually anywhere

**Game Mode** — one of four special color modes to choose from; ideal for displaying videogames or TV programs in well-lit rooms

**Images up to 300"** — 25 times the size of a 60" flat panel; all you need is a blank wall

**Instant Off<sup>®</sup>** — quickly power down the projector, pack up and go; no warmup or cool-down time is needed

**Portable design** — lightweight and easy to carry

**Outstanding support** — two-year limited warranty and toll-free support



**Specifications**

**Projection System** 3LCD, 3-chip technology  
**Projection Method** Front/rear/ceiling mount  
**Driving Method** Poly-silicon TFT Active Matrix  
**Pixel Number** 480,000 dots (800 x 600) x 3  
**Color Brightness<sup>2</sup>** Color Light Output: 3200 lumens  
**White Brightness<sup>2</sup>** White Light Output: 3200 lumens  
**Aspect Ratio** 4:3  
**Native Resolution** 800 x 600 (SVGA)  
**Resize Support** 640 x 480 (VGA), 1024 x 768 (XGA), 1152 x 864 (SXGA), 1280 x 800 (WXGA), 1400 x 1050 (SXGA+)  
**Lamp Type** 200 W UHE  
**Lamp Life<sup>3</sup>**  
 Up to 6000 hours (ECO Mode)  
 Up to 5000 hours (Normal Mode)  
**Throw Ratio Range** 1.45 – 1.96  
**Size (projected distance)**  
 30" – 300" (0.88 – 10.44 m)  
**Keystone Correction Auto** Vertical: ± 30 degrees  
**Keystone Correction Manual** Horizontal ± 30 degrees  
**USB Plug 'n Play** Projects audio and video, PC and Mac<sup>®</sup> compatible  
**Contrast Ratio** Up to 10,000:1  
**Color Reproduction** Up to 1.07 billion colors

**Projection Lens**

**Type** Digital zoom/Manual focus  
**F-number** 1.44  
**Focal Length** 16.7 mm  
**Zoom Ratio** Digital zoom 1.0 – 1.35

**Other**

**Display Performance** NTSC: 480 lines, PAL: 560 lines (Depends on observation of the multi-burst pattern)  
**Input Signal** NTSC/NTSC4.43/PAL/M-PAL/N-PAL/PAL60/SECAM  
**Speaker** 2 W (mono)  
**Operating Temperature** 41 ° to 95 °F (5 ° to 35 °C)  
**Power Supply Voltage** 100 – 240 V ±10%, 50/60 Hz  
**Power Consumption**  
 283 W (Normal Mode)  
 207 W (ECO Mode)  
**Fan Noise** 37 dB (Normal Mode), 29 dB (ECO Mode)  
**Country of Origin** China/Philippines

**Interfaces**

HDMI x 1  
 Computer/component video: D-sub 15 pin x 1  
 S-video: Mini DIN x 1  
 Composite video: RCA (Yellow) x 1  
 Audio in: RCA x 1 (White/Red)  
 USB connector Type A x 1: PC-free USB and other  
 USB connector Type B x 1: USB Plug 'n Play



**Dimensions (W x D x H)**

**Including feet** 11.6" x 9.0" x 3.1"  
**Excluding feet** 11.6" x 9.0" x 3.0"  
**Weight** 5.29 lb

**Remote Control**

**Features** Source search selection, power, volume, e-zoom, A/V Mute, freeze, menu, page up and down, help, auto, mouse functions

**Operating Angle**

Right/left: ± 30 degrees  
 Upper/ lower: ± 15 degrees

**Operating Distance** 19 ft (6 m)

**Eco Features**

RoHS compliant  
 Recyclable product<sup>4</sup>  
 Epson America, Inc. is a SmartWay<sup>SM</sup> Transport Partner<sup>5</sup>

**Support**

**The Epson Connection<sup>SM</sup>**

Pre-sales support  
 U.S. and Canada 800-463-7766  
 Internet website [www.epson.com](http://www.epson.com)

**Service Programs** Two-year projector limited warranty, Epson<sup>®</sup> Extra Care<sup>SM</sup> Home Service program, PrivateLine<sup>®</sup> dedicated toll-free support and 90-day limited lamp warranty

**What's in the Box**

PowerLite<sup>®</sup> Home Cinema 640 projector, power cable, projector remote control, batteries, user manual CD, Quick Setup Sheet

**Ordering Information**

Home Cinema 640	V11801020
Genuine Epson lamp	V13H010L67
Replacement air filter	V13H134A32
Universal projector ceiling mount	ELPMBPJF
Component to VGA video cable	ELPKC19
HDMI cable – 6 ft	AV22300-06
HDMI cable – 12 ft	AV22300-12
Duet <sup>™</sup> ultra portable projector screen	ELPSC80
ES1000 ultra portable tabletop screen (16:10)	V12H002S4Y
ES3000 ultra portable projector screen (16:10)	V12H002S3Y
Wireless LAN Module (ELPAP07)	V12H418P12
Quick Wireless Connection USB Key	V12H005M09

1 Color brightness (color light output) measured in accordance with IDMS 15.4. Color brightness will vary depending on usage conditions. Leading Epson 3LCD projectors in the home entertainment segment (720p and 1080p) compared to leading 1-chip DLP projectors, based on NPD data for June 2013 through May 2014. | 2 Color brightness (color light output) and white brightness (white light output) will vary depending on usage conditions. Color light output measured in accordance with IDMS 15.4; white light output measured in accordance with ISO 21118. | 3 Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time. | 4 For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | 5 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

Better Products for a Better Future<sup>™</sup>  
[eco.epson.com](http://eco.epson.com)



Epson America, Inc.  
 3840 Kilroy Airport Way, Long Beach, CA 90806

Epson Canada Limited  
 185 Renfrew Drive, Markham, Ontario L3R 6G3

[www.epson.com](http://www.epson.com)  
[www.epson.ca](http://www.epson.ca)

Specifications and terms are subject to change without notice. EPSON, Instant Off and PowerLite are registered trademarks, EPSON Exceed Your Vision is a registered logomark and Better Products for a Better Future is a trademark of Seiko Epson Corporation. PrivateLine is a registered trademark, Duet is a trademark and Epson Connection and Extra Care are service marks of Epson America, Inc. Mac is a trademark of Apple Inc., registered in the U.S. and other countries. SmartWay is a service mark of the U.S. Environmental Protection Agency. All other product and brand names are trademarks and/or registered trademarks of their respective companies. Epson disclaims any and all rights in these marks. Copyright 2015 Epson America, Inc. Com-SS-Oct-14 CPD-50016 7/15