

BrightLink[®] 1485Fi 1080p 3LCD Interactive Laser Display



Product shown with
mount, sold separately.

Interactive Laser Displays

Education

Bring collaboration to classrooms and meeting spaces with this interactive HD 1080p laser display¹.

Super bright — 5,000 lumens color/white brightness²; 1080p Full HD laser display¹

Flexible image sizes — projects large, 100", 16:9 or super-wide 120", 16:6 images — up to 95 percent more interactive space vs. a 75" flat panel

Solid-state laser light source — virtually maintenance-free 20,000-hour laser light source with no lamps³

Easy installation — automatic image adjustment and simplified calibration make installation easier than ever before

Digital whiteboard — draw, save, print and email without a PC; share whiteboard content to other network-connected BrightLink projectors⁴

Easy operation — touch and pen-enabled interactivity⁵ allows up to eight users to collaborate at once

Improved cable management — HDBaseT™ control pad supports video, audio and interactive functions, reducing the number of cables and making installation a snap⁶

Built-in wireless — use free Epson iProjection™ software to connect, display and share content simultaneously to/from up to 50 connected devices⁷

Connect with Miracast[®] — supports software-free, peer-to-peer wireless connectivity

BrightLink GoBoard™ Collaborative Whiteboarding Software — 1-year free trial offer⁸



Specifications

Display System Epson[®] 3-chip 3LCD technology
Display Method Ceiling/wall mount/table mount
Driving Method Epson Poly-Silicon TFT Active Matrix
Native Resolution 1080p¹ (1366 x 768 x 2)
Resolution on Screen 1080p¹ (2.1 million pixels)
Pixel Number 1,049,000 pixels (1366 x 768) x 3 chips
Color Brightness Color Light Output: 5,000 lumens
White Brightness White Light Output: 5,000 lumens
Aspect Ratio Supports 4:3, 16:10, 16:9*, 16:6*, 21:9*
 *With vertical image shift control within letterbox area
Size (Projected Distance) Area (16:9) 65" – 100"
Keystone Correction (Manual)
 Horizontal: ± 3 degrees
 Vertical: ± 3 degrees
USB Plug 'n Play Mac[®] 10.7 or later; Windows Vista[®] or later
Contrast Ratio Up to 2,500,000:1
Color Reproduction Up to 1.07 billion colors
Illumination Technology Laser Diode
Light Source Life² 20,000 hours (Normal), 30,000 hours (Extended)

Wireless Specifications

Supported Security Mode
 OPEN, WPA2/WPA3-PSK, WPA2/WPA3-EAP
 Supported EAP Type PEAP, PEAP-TLS, EAP-TLS, EAP-Fast
Supported Speeds
 IEEE 802.11b: 11 Mbps* (2.4 GHz)
 IEEE 802.11g: 54 Mbps* (2.4 GHz)
 IEEE 802.11n: 72.2 Mbps* (2.4 GHz)
 IEEE 802.11a: 54 Mbps* (5 GHz)
 IEEE 802.11n: 150 Mbps* (5 GHz)
 IEEE 802.11ac: 325 Mbps* (5 GHz)
 *Maximum speed and range are achievable when used with the same Enhanced Mode technology. Actual data rates, features and performance may vary depending on your computer system, the environment and other factors.

Projection Lens

Type Manual focus
F-Number 1.50
Focal Length 3.9 mm
Throw Ratio Range (16:9) 0.27 – 0.37, (4:3) 0.37 – 0.50, (16:10) 0.30 – 0.42
Zoom Ratio Digital zoom 1.0 – 1.35x

Other

Speaker 2x 8 W stereo
Operating Temperature 41° to 104 °F (0° to 40 °C)
Power Supply Voltage 100 – 240 V ± 10%, 50/60 Hz
Auto Power On Signal Detection on HDMI / Plug-in Detection (HDMI, USB, VGA 15-pin, BNC)
Sleep Mode Yes (with timer)
Power Consumption
 ECO Mode: 270 W
 Normal Mode: 381 W
 Standby (Communication On): 2.0 W
 Standby (Communication Off): 0.5 W
Fan Noise
 Quiet Mode: 27 dB, Normal Mode: 36 dB
Security Kensington lock provision, security anchor bar, password-protect function

Interactivity

Interactive Technology Infrared, 850 nm
Interactive Area (Image Size) 65" – 100" diagonal (16:9, 1080p¹)

Interfaces

HDMI[®]: 3x (with CEC Control)
 HDBaseT HDMI Out: DS 1x
 Computer/Component Video: 2x D-sub 15 pin
 Composite Video: 1x RCA (yellow)
 Audio In: 3x Mini stereo
 Audio Out: 1x Mini stereo
 Microphone In: 1
 USB Connector: 2x Type-B (USB display, audio and mouse, k/b control interactivity)
 USB Connector: 2x Type-A (USB memory/document camera)
 1x RJ-45
 Serial: 1x RS-232c
 Monitor Out/Computer: 1x D-sub 15 pin
 Integrated Wireless LAN: 802.11 b/g/n/ac
 Interactive Synchronization: 1x Mini stereo In
 Interactive Synchronization: 1x Mini stereo Out
 Touch Unit Connection Port: 1x



Interactivity (continued)

Input Device Digital pen or finger
Number of Pens Two
Number of Pen Tips Six (4x Felt/Soft Tip, 2x Teflon™/Hard Tip)
Pen Functions Mouse functions (left and right click), electronic pen, LED battery status indicator
Pen Specifications Size: 6.3" (L) x 0.95" (W); Weight: 1.1 oz (without battery)
Power AA battery
Compatible Battery Types AA x 1, Manganese dry cell, Alkaline dry cell, Panasonic eneloop™ BK-3MCCx (The suffix "x" can be blank or A-Z)
Calibration Method Automatic or Manual
Interactive Modes
 Whiteboard Mode: 2x pens and 6x fingers, PC-Free Annotation Mode: 2x pens and 6x fingers, Computer Interactivity Mode, Easy Interactive Tools: 2x pens and 6x fingers
Requirements for Computer Interactivity
 Connection to the Computer: Via USB cable or wired/wireless LAN
 Software System Compatibility: Epson Easy Interactive Driver for Mac only; Windows[®] driver for Multi Projection; Windows (single projector) and Linux[®]: No driver required
 Mac: Mac OS X[®] 10.7.x or later
Interactive Software Requirements Epson Easy Interactive Driver (Mac and PC — required for DuoLink); Windows and Linux: driver not required; Mac: Mac OS X 10.7/10.8/10.9/10.10/10.11/macOS 10.12.x Epson Easy Interactive Tools for Windows and Mac
System Compatibility Microsoft[®] Windows Vista SP2 (All editions except for Starter), Windows 8/8.1, Windows 10, Windows 7 SP1 (all editions except for Starter) macOS[®] 10.7/10.8/10.9/10.10/10.11/macOS 10.12.x, UBUNTU 15.10, 16.04 LTS, 16.04, 18.04, 19.04
GoBoard Software Requirements
 Windows 10 version 1803 or later
 CPU quad-core 2GHz
 RAM DDR3 8 GB
 Camera and microphone (for AV conferences, voice commands)

Remote Control (continued)

Remote Control (continued)

Operating Angle
 Rear: Right/Left: -55 to +55 degrees, Upper/Lower: +75 to +15 degrees, Front: Right/Left: -30 to +30 degrees, Upper/Lower: 0 to +60 degrees
Operating Distance 19.7 ft (6 m)

Wall-mounted Control Panel

Functions Projector On/Off, HDMI source switching, audio/video/interactivity via CAT6, USB for PC-free saving
Dimensions 7.75" H x 6.9" W x 1.5" D
Power DC 12 V power supply
Supported Distance 40 m (4k 30 fps) or 70 m (1080p1 60 fps) via CAT6 cable

Eco Features

Energy-efficient 3LCD light engine
 RoHS compliant
 Recyclable product⁹
 Epson America, Inc. is a SmartWay[®] Transport Partner¹⁰

Support

Service Programs 3-year projector limited warranty, Epson Road Service program, dedicated toll-free support

What's in the Box

BrightLink 1485Fi, lens cover, rear cable cover, interactive touch module and cable, Quick Setup Guide, 6" power cable, 1x USB A/B cable, projector remote control with 2x AA batteries, HDBaseT control pad with power supply, pen holder, 4x markers for auto screen adjustment, IR reflectors, 2x interactive pens, battery charger and 2x AA rechargeable batteries (for interactive pens), Warranty statement, 1-year license key for BrightLink GoBoard Software

Ordering Information

BrightLink 1485Fi	V11H919520
Air Filter	V13H134A56
PowerLite [®] Pilot™ 3 (ELPCB03)	V12H927020
Pixie Plus (ELPSP10)	
Document Camera (DC-21)	V12H758020
External Speakers (ELPSP02)	V12H467020
Wireless 802.11b/g/n LAN Unit (ELPAP11)	V12H005A02
100" Whiteboard 16:9 Aspect Ratio	V12H006A02
DaLite 100" IDEA Screen	V12H006A01
Interactive Pen A (Orange)	V12H773010
Interactive Pen B (Blue)	V12H774010
Replacement Pen Tips (Hard/Teflon)	V12H775010
Replacement Pen Tips (Soft/Felt)	V12H776020
Ultra Short-Throw Wall Mount (ELPMB62)	V12HA06A05
Finger Touch Module	V12H007A23
Touch Module Bracket	V12HA05A09
USB Extension Cable (ELPKC31)	V12H525001

1 Pixel shifting technology achieves Full HD resolution on screen. | 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 No required maintenance for the light source for up to 20,000 hours. Approximate time until brightness decreases 50% from first usage. Measured by acceleration test assuming use of 0.04 - 0.20 mg/m³ of particulate matter. Time varies depending on usage conditions and environment. Replacement of parts other than the light source may be required in a shorter period. | 4 BL1485Fi and 1480Fi projectors only. Cannot share to earlier models. | 5 Requires Windows 7, Windows 8 or Mac OS X or later to recognize finger gestures. | 6 Supports maximum distance up to 229 feet (Cat6A/7; 1080p) and up to 131 feet (Cat6A/7; 4k content) | 7 For wireless functionality, including via the Epson iProjection App, the projector must be configured on a network, either through the Ethernet port on the projector (check model specifications for availability) or via a wireless connection. Check your owner's manual to determine if a wireless LAN module must be purchased separately to enable a wireless connection. Not all Epson projectors are able to be networked. The Epson iProjection App does not support all files and formats. See www.epson.com for details. | 8 GoBoard Collaborative Whiteboarding Software requires a Windows 10-based PC. Not included. | 9 For convenient and reasonable recycling options, visit www.epson.com/recycle | 10 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

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