EPSON®

BrightLink® 770Fi

1080p 3LCD Interactive Ultra Short Throw
Lamp-Free Laser Display

Product shown with
mount, sold separately.

The large, easy-to-read display for captivating interactive lessons.

Best-in-Class Color Brightness[1] with 3-chip 3LCD technology — 4,100 lumens of color and white brightness[2]

Incredible image quality — Full HD 1080p resolution for amazing clarity and readability

See more, do more — ultra wide 21:9 and 16:6 display with split screen[3] support allows for simultaneous display of whiteboard and digital content

Interactive display up to 100" — provides up to 75 percent more interactive space vs. 75" interactive panels for a low cost per square inch

Multi-user capability for easy collaboration — dual-pen-enabled interactivity; optional slim design touch module allows up to eight users to collaborate at once

Convenient connectivity — works with popular applications and devices including Microsoft® Office 365 and Google Workspace™

PC-free digital whiteboard — draw, save, print and email without a computer; also share whiteboard content to other networked BrightLink projectors[4]

No lamps to replace ever — solid-state, 20,000-hour, virtually maintenance-free laser light source[5]

Connect and cast from up to 50 devices[6] — free downloadable Epson iProjection™ software[7] makes it easy to cast wirelessly from Chromebooks, iOS® and Android™ devices, Mac® computers and PCs[6]; with moderator feature[8], teachers never lose control of the displayed content

Easy-to-use interactive Home screen — with image preview capability makes source selection easier than ever

Specifications

Projection System Epson® 3-chip 3LCD technology
Projection Method Front/rear/wall mount/table mount
Driving Method Epson Poly-Silicon TFT Active Matrix
Pixel Number 2,073,600 dots (1920 x 1080) x 3
Color Brightness² Color Light Output: 4,100 lumens
White Brightness² White Light Output: 4,100 lumens
Native Aspect Ratio 16:9, Supported Aspect Ratios: 4:3, 16:10, 21:9
Native Resolution 1920 x 1080 (1080p HD)
LCD 0.62"
Light Source Laser Diode
Laser Light Source Life⁵ Up to 20,000 hours, Extended Mode: Up to 30,000 hours
Image Size (Projection Distance)
With ELPMB62 Mount:
56.8' – 110' (14.1' – 27.2') 21:9
60" – 110' (13.9" – 27.24") 16:6
65" – 100' (14.01' – 22.7') 16:9
Keystone Correction (Manual) Vertical: ± 3 degrees; Horizontal: ± 3 degrees;
USB Plug 'n Play Mac OS X® 10.8/10.9/10.10/10.11/10.12/ 10.13/10.14/macOS® 10.15.x, 11.0/12.0
USB Plug 'n Play for Windows® Windows 7/Windows 8/ Windows 10, Windows 11
Contrast Ratio Up to 2,500,000:1
Color Reproduction Up to 1.07 billion colors

Wireless Specifications

Supported Security Modes
OPEN, WPA2/WPA3-PSK, WPA2/WPA3-EAP
Supported EAP Type: PEAP, PEAP-TLS, EAP-TLS, EAP-Fast
Supported Speeds
IEEE 802.11 b: 11 Mbps* (2.4 GHz)
IEEE 802.11 g: 54 Mbps* (2.4 GHz)
IEEE 802.11 n: 72.2 Mbps* (2.4 GHz)
IEEE 802.11 a: 54 Mbps* (5 GHz)
IEEE 802.11 n: 150 Mbps* (5 GHz)
IEEE 802.11 ac: 325 Mbps* (5 GHz)
* These modes and actual data throughputs depend on supported wireless mode of source devices and/or environmental conditions.

Projection Lens

Type Manual focus
F-Number 1.6
Focal Length 3.7 mm
Throw Ratio Range 0.25 – 0.35
Zoom Ratio Digital zoom 1.00 – 1.35x

Other

Speaker 16 W monaural
Operating Temperature 41 ˚F to 104 ˚F (5 ˚C to 40 ˚C)
Power Supply Voltage 100 V – 240 V ±10%, 50/60 Hz
Power Consumption
Normal Mode: 277 W, Quiet Mode: 214 W
Standby (Communication On): 2.0 W
Standby (Communication Off): 0.5 W
Fan Noise
Normal Mode: 37 dB, Quiet Mode: 27 dB

Interfaces

HDMI®: 3x
Composite Video: 1x RCA (yellow)
Audio In: 3x Mini Stereo
Audio Out: 1x Mini Stereo
Microphone In: 1x Mini Stereo
1x Type USB-A (powered 5 V, 2 A)
2x Type USB-B (USB display with audio and interactivity)
Serial: 1x RS-232C
Monitor Out/Computer: 1x D-Sub 15-pin
Computer: 1x D-Sub 15-pin
Integrated Wireless LAN: 802.11 b/g/n/ac
Interactive Synchronization Mini Stereo In
Interactive Synchronization Mini Stereo Out
Touch Unit Connection Port

Other (Continued)

Security Kensington lock provision, security anchor bar, password-protection function

Interactivity

Interactive Technology Infrared, 850 nm
Interactive Area (Image Size) 100" diagonal (16:9); 110" diagonal (16:6)
Interactive Modes Computer Interactivity, PC-Free and Whiteboard Annotation Mode; Pen: Dual User; Finger Touch: Up to 6 points of touch
PC-Free Annotation 2 pens and 6 fingers
Interactive Tools Epson Easy Interactive Tools; 2 pens and 6 fingers
PC Interactive Sources USB, HDMI, Computer 1, Computer 2, LAN, Miracast®
PC-Free Annotation Devices Document Cameras, DVD/ Blu-ray Disc™ players, iPod®/iPad® devices, Chromebooks
Calibration Method Automatic or Manual
Interactive Connectivity USB cable for non-networked LAN
Interactive Software Requirements
Epson Easy Interactive Driver (required for Mac)
Mac: Mac OS X 10.12/10.13/10.14/macOS 10.15.x, 11.0/12.0/13.0
Epson Easy Interactive Tools for Windows and Mac
System Compatibility Microsoft, Windows 8/8.1, Windows 10, Windows 11, Windows 7 SP1 (all editions except for Starter), Mac OS 10.11/10.12/10.13/10.14, macOS 10.15.x, 11.0/12.0/13.0
Gestures Requires Windows 7 or later, or Mac OS X 10.12 or later
BrightLink GoBoard™ Software Requirements
Windows 10 version 1803 or later
CPU quad-core 2 GHz
RAM DDR3 8 GB
Camera and microphone (for AV conferences, voice commands)

Dimensions (W x D x H)

Excluding Feet 14.1" x 15.6" x 5.3"
Weight 13.2 lb

Remote Control

Features Computer, HDMI, USB, LAN, Source Search, Power, Aspect, Color Mode, Volume, E-Zoom, A/V Mute, Freeze, Menu, Auto, Enter, Esc, User, ID, Default, Home, Split

Additional USB-A port on side of display.

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)

Eco Features

Energy-efficient 3LCD light engine
RoHS compliant
End-of-life options available⁹
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 Included

BrightLink 770Fi ultra short throw interactive display, Quick Start Guide, 6' power cable, 16' USB A/B cable, projector remote control, 2x interactive pens, 4x soft pen tips, 2x hard pen tips, pen tray, 2x AA batteries (for interactive pens), 2x AA batteries (for remote), projector feet, corner markers, magnets for corner markers, 1-year license key for BrightLink GoBoard Software

Ordering Information

BrightLink 770Fi	V11HA78020
Air Filter	V13H134A60
Ultra Short Throw Wall Mount (ELPMB62)	V12HA06A05
Interactive Touch Module	V12H007A23
PowerLite® Pilot™ 3 (ELPCB03)	V12H927020
Active Speakers (ELPSP02)	V12H467020
Wireless 802.11 b/g/n LAN Adapter (ELPAP11)	V12H005A02
100" Whiteboard (16:9)	V12H006A02
Interactive Pen A (orange)	V12H773010
Interactive Pen B (blue)	V12H774010
Replacement Pen Tips (hard/Teflon™)	V12H775010
Replacement Pen Tips (soft/felt)	V12H776010
DC-07 Document Camera	V12H759020
DC-13 Document Camera	V12H757020
DC-21 Document Camera	V12H758020

1 Color brightness measured per IDMS 15.4. Additional colors and picture modes tested. Top-selling Epson 3LCD projectors vs. comparable top-selling 1-chip DLP projectors based on NPD sales data for October 2019 – September 2020. COLOR BRIGHTNESS WILL VARY BASED ON USAGE CONDITIONS. | 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 Consult your user manual for Split Screen input combinations. | 4 Networked Screen Sharing is supported by the following models: BrightLink 725Wi, 735Fi, 760Wi, 770Fi, 1480Fi and 1485Fi. | 5 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. | 6 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. | 7 Internet connection required for download. Data usage fee may apply. | 8 Moderator control, connecting via QR code and projector remote are not available on Epson iProjection for Chromebooks. | 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 greenhouses gases and other air pollutants and improves fuel efficiency.

Learn more about how our products can empower your institution. Visit us at **www.epson.com/foreducation**

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