

## BrightLink GoBoard™ 780Fi 1080p 3LCD Interactive Ultra Short Throw Lamp-Free Laser Display



Product shown with mount, sold separately.

Interactive Laser Displays

Education

### PC-free, Web-based interactive display<sup>1</sup> for collaborative learning.

**Simply power on and go** — easy, intuitive Web-based interactive display provides easy access to online content and cloud storage without a computer<sup>1</sup>

**Best-in-Class Color Brightness<sup>2</sup> with 3-chip 3LCD technology** — 4,100 lumens of color and white brightness<sup>3</sup>

**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<sup>4</sup> support allows for simultaneous display of whiteboard and digital content

**Interactive display up to 100"** — provides up to 80 percent more working space than a 75" interactive flat panel 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

**No lamps to replace ever** — solid-state, 20,000-hour, virtually maintenance-free laser light source<sup>5</sup>

**PC-free digital whiteboard** — draw, save, print and email without a PC; also share whiteboard content to other networked BrightLink® projectors<sup>6</sup>

**Connect and cast from up to 50 devices<sup>7</sup>** — free downloadable Epson iProjection™ software<sup>8</sup> makes it easy to cast wirelessly from Chromebooks, iOS® and Android™ devices, Mac® computers and PCs<sup>7</sup>; with moderator feature<sup>9</sup>, teachers maintain control of the displayed content



## BrightLink GoBoard™ 780Fi 1080p 3LCD Interactive Ultra Short Throw Lamp-Free Laser Display

### 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 Brightness**<sup>2</sup> Color Light Output: 4,100 lumens  
**White Brightness**<sup>3</sup> 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 Life**<sup>5</sup> Up to 20,000 hours, Extended Mode: Up to 30,000 hours  
**Image Size** (projection distance)  
 With ELPMB62 Mount:  
 65" – 100" (14.01" – 22.7") 16:9  
 60" – 110" (13.9" – 27.24") 16:6  
 56.8" – 110" (14.1" – 27.2") 21:9  
**Keystone Correction (Manual)** Horizontal: ±3 degrees; Vertical: ±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

### SMART Media Player Device

Operating System: Android ASOP 11  
 System on Chip: Amlogic S905X4  
 CPU: Quad-Core  
 GPU: Mali-G31MP2  
 ROM/RAM: 8GB/2GB

### Video Output Performance

Resolution: 3840 x 2160, 1920 x 1080, 1280 x 720  
 Frames per Second: Up to 60 FPS  
 Up to 4K 60 Hz

### Interfaces

HDMI I/O: 1 x HDMI out (with HDCP 2.3)  
 USB I/O: 1 x Micro-B USB, 1 x Type-A

### Peripheral Support

HD devices, USB Camera (UVC), USB thumb drive, Speaker/microphone

**Application Web-Based Services** Browser, Google Workspace™ for Education, Google Drive™, Google Meet™, Microsoft® Office 365 Education, OneDrive®, Microsoft Teams®, YouTube™, WebEx®

**Firmware Update Support** Network via Wireless LAN, USB Type-A, Epson Network Management Tool

**Power Consumption** 5V, 2A

### Weight and Dimensions

2.7 oz, 1.95" x .65" x 4.85" (W x D x H)

### 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)

### 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

### Wireless Specifications (Continued)

IEEE 802.11 a: 54 Mbps\* (5 GHz)  
 IEEE 802.11 n: 150 Mbps\* (5 GHz)  
 IEEE 802.11 ac: 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** 1.6  
**Focal Length** 3.7 mm  
**Throw Ratio Range** 0.25 – 0.35  
**Zoom Ratio** Digital zoom 1.00 – 1.35x

### Other

**Wireless Display Support** Miracast®, Epson iProjection

**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

Quiet Mode: 214 W, Normal Mode: 277 W

Standby (Communication On): 2.0 W

Standby (Communication Off): 0.5 W

#### Fan Noise

Quiet Mode: 27 dB, Normal Mode: 37 dB

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

### Interactivity

**Interactive Technology** Infrared, 850 nm

**Interactive Area (Image Size)** 100" diagonal (16:9)

**PC-Free Annotation** 2 pens included; up to 6 points of touch included when optional Touch Module is installed

**Calibration Method** Automatic or Manual

#### BrightLink GoBoard 780Fi Software Requirements\*

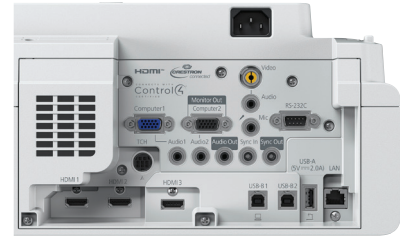
Windows 10 version 1803 or later

CPU quad-core 2 GHz

RAM DDR3 8 GB

Camera and microphone (for AV conferences, voice commands)

\* Software requirements only applicable if the user has a computer connected to the BrightLink GoBoard 780Fi.



Additional USB-A port on side of display.

### 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

**Operating Distance** 19.7 ft (6 m)

#### 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

### Eco Features

RoHS compliant

Recyclable product<sup>10</sup>

Epson America, Inc. is a SmartWay® Transport Partner<sup>11</sup>

### Support

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

### What's Included

BrightLink GoBoard 780Fi Ultra Short Throw Interactive Display, Quick Start Guide, 6' power cable, 16' USB A/B cable, projector Android-based smart media player, 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

### Ordering Information

BrightLink GoBoard 780Fi	V11HB06020
Air Filter	V13H134A60
Ultra Short Throw Wall Mount (ELPMB62)	V12HA06A05
Interactive Touch Module	V12H007A23
Active Speakers (ELPSP02)	V12H467020
Wireless 802.11 b/g/n LAN Unit (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

<sup>1</sup> Requires Internet access to utilize Web-based features. <sup>2</sup> 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. <sup>3</sup> 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. <sup>4</sup> Split Screen feature requires remote control. Consult your user manual for input combinations. <sup>5</sup> 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/m<sup>3</sup> 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. <sup>6</sup> Networked Screen Sharing is supported by the following models: BrightLink 725Wi, 735Fi, 760Wi, 770Fi, 780Fi, 1480Fi and 1485Fi. <sup>7</sup> The projector supports direct peer-to-peer wireless casting of local content from Miracast-enabled devices or via the Epson iProjection app. For best performance when using iProjection, it is recommended that the projector and connecting devices be configured on a network, either through the Ethernet port on the projector or via a wireless connection. The Epson iProjection App does not support all files and formats. See [www.epson.com/projection](http://www.epson.com/projection) for details. <sup>8</sup> Internet connection required for download. Data usage fee may apply. <sup>9</sup> Moderator control, connecting via QR code and projector remote are not available on Epson iProjection for Chromebooks. Functionality may vary depending on Chromebook model and operating system. <sup>10</sup> For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) <sup>11</sup> 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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