PowerLite® L320FG 4,600-Lumen Full HD 3LCD Laser Projector with Apple® AirPlay® and Google Cast™



4,600-lumen laser projector with Full HD resolution and built-in casting.

Bold and bright visuals — with 3-chip 3LCD technology and 4,600 lumens of color and white brightness[1]

Incredible image quality — high-definition 1080p resolution at an exceptional value

Flexible image size — high-fidelity images from 32" to 310" diagonal in flexible aspect ratios from ultra wide in 16:6 and 21:9 to a traditional 16:9

No lamps to replace ever — features a 20,000-hour virtually maintenance-free laser light source in Normal Mode[2] and a virtually maintenance-free laser light source of up to 30,000 hours in Extended Mode[2]

Seamless casting and screen sharing — works with Google Cast[3], Apple AirPlay 2[4] and Miracast®[5]; no need for external hardware or software

Epson Classroom Connect[5] — free, intuitive app supports wireless connectivity for up to 50 devices[5] with moderator control—no need for external hardware

Secure networking and fleet management — built-in Wi-Fi® 6/6E with WPA3-Enterprise encryption supports fast and reliable wireless connectivity for screen casting; Epson Projector Management Connected[6] provides cloud fleet management

Streamlined installation — 1.6x optical zoom, horizontal and vertical keystone, Quick Corner, Epson Setting Assistant app[7] and more make installation easy

Built-in NFC technology[8] — reduces installation time of multiple projectors; read and write setting information using the Epson Projector Configuration Tool app[9]

Time-saving over-the-air updates[10] — allow users to be alerted when a firmware update is available and apply updates with a push of a button

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Specifications

Projection System RGB liquid crystal shutter projection system
Driving Method Poly-Silicon TFT Active Matrix
Pixel Number 2,073,600 dots (1920 x 1080) x 3
Color Brightness[1] Color Light Output: 4,600 lumens
White Brightness[1] White Light Output: 4,600 lumens
Aspect Ratio 16:9, Supports 4:3, 16:10, 16:6*, 21:9*
* With vertical image shift control within letterbox area.
Native Resolution 1080p (1920 x 1080)
Light Source Laser Diode
Laser Light Source Life[2]
Normal Mode: Up to 20,000 hours
Extended Mode: Up to 30,000 hours
Throw Ratio Range 1.30 – 2.12
Size (Projected Distance)
32" – 310" (88 cm - 906 cm)
Keystone Correction (Manual) Vertical: ±30 degrees; Horizontal: ±30 degrees
Dynamic Contrast Ratio Over 5,000,000:1
Color Reproduction Up to 16.77 million colors

Projection Lens

Type Optical zoom (manual), Focus
F-Number 1.49 – 1.77
Focal Length 18.2 mm – 29.1 mm
Zoom Ratio 1.0 – 1.62

Other

Operating Temperature 32 ˚F to 104 ˚F (0 ˚C to 40 ˚C) (low altitude: 0 ft – 7,500 ft), 32 ˚F to 95 ˚F (0 ˚C to 35 ˚C) (high altitude: 7,500 ft – 10,000 ft)
Power Supply Voltage 100 V – 240 V AC ± 10%, 50/60 Hz
Auto Power On Signal Detection on HDMI®/Plug-In Detection (HDMI 1)
Sleep Mode Yes (with timer)
Power Consumption
Normal Mode: 301 W
Quiet Mode: 235 W
Standby Mode: 2.0 W
Energy-Saving Mode: 0.5 W
Fan Noise
Normal Mode: 34 dB
Quiet Mode: 31 dB
Security Enterprise Level Security Encryption

Dimensions (W x D x H)

Projector (Including Feet) 13.19" x 13.78" x 4.8"
Weight 11.7 lb

Interfaces

2x HDMI
1x D-sub 9-pin RS-232c
2x USB Type-A (with 5 V/1 A power supply)
1x USB Type-B (for copying setting or USB display)
1x Wired LAN RJ-45
1x Audio Out (3.5 mm stereo mini)



Software

Epson Projector Management, Epson Projector Management Connected[6], Epson iProjection™[11], Epson Projector Configuration Tool[10], Epson Classroom Connect[5], Epson Setting Assistant[7]

Remote Control

Features Input, HDMI, USB, Wireless, Customize, Home, Split, Freeze, Default, A/V Mute, Volume, Mute, Dashboard, Lens, Screen Shift, Play/Pause, Fast Forward, Rewind, Menu, E-Zoom
Operating Angle
Front and Rear Remote Sensors
Up/down: -30 to +30 degrees
Right/left: -30 to +30 degrees
Operating Distance 20 ft (6 m)

Eco Features

RoHS compliant
End-of-life options available[12]
Epson America, Inc. is a SmartWay® Transport Partner[13]

Limited Warranty and Service

Warranty 3-year limited in the U.S. and Canada
Service Whole unit exchange, usually Next-Business-Day toll-free telephone support, Monday through Friday
Epson Connection™
Pre-Sales Support (U.S. and Canada): 800-463-7766
Website: epson.com

Epson Preferred Plus™ Extended Service Plan[14]

1-Year Whole Unit Exchange Extended Service Plan	EPPEXPE1
2-Year Whole Unit Exchange Extended Service Plan	EPPEXPE2

(available for up to a total of 5 years of continuous coverage)

What's Included

PowerLite L320FG standard-throw laser projector, projector remote control, two (2) AA batteries (for remote), cable cover, power cable

Ordering Information

PowerLite L320FG	V11HC45020
Replacement Air Filter (ELPAF60)	V13H134A60
Soft Carrying Case (ELPKS71)	V12H001K71
Ceiling Mount (ELPMB60W)	V12H963210
DC-07 Document Camera	V12H759020
DC-13 Document Camera	V12H757020
DC-21 Document Camera	V12H758020
Connection & Control Pad (ELPCB04)	V12HC49020

1 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. | **2** No required maintenance for the light source for up to 30,000 hours (Extended Mode) or 20,000 hours (Normal Mode). Approximate time until brightness decreases 50% from first usage. Measured by acceleration test assuming use of 0.04 - 0.20 mg/m^3 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. | **3** Google Cast functionality requires that both the casting device and the receiving device be connected to the same active network. Visit the Google® Chromecast® website for the latest smart device and computer OS support. | **4** AirPlay 2 requires an active network connection. Recommended wireless network connection of 25 Mbps or faster. Some apps require paid subscriptions. Wi-Fi Aware and Restriction Mode will be available February 2027. | **5** The projector supports direct peer-to-peer wireless casting of local content from Miracast-enabled devices or via the Epson iProjection app. Epson Classroom Connect requires that the projector and connecting devices be configured on a network, either through the Ethernet port on the projector or via a wireless connection. Epson Classroom Connect functionality may vary by platform. Internet connection required for downloads. Data usage fees may apply. Epson Classroom Connect available February 2027. | **6** Remotely manage an unlimited number of projectors through Epson Projector Management Connected; requires one on-site PC with Epson Projector Connected Agent installed per 2,000 projectors. | **7** Wi-Fi equipped projector and compatible device required. Internet connection required for download. | **8** NFC requires use of a device that includes NFC and may require additional software. | **9** Internet connection required for download. Data usage fee may apply. | **10** Requires an active Internet connection for alerts and Firmware download. | **11** For best performance when using Epson 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 epson.com/iprojection for details. | **12** For convenient and reasonable recycling options, visit epson.com/recycle | **13** SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency. | **14** Product comes with a 3-year limited warranty with the option to purchase Extended Service Plans up to a total of 5 years of continuous coverage. Extended Service Plan can be purchased at any time that you are covered under an Epson limited warranty or Epson Extended Service Plan. See individual service plan for details.

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

SmartWay Transport Partner
Getting There With Cleaner Air

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