

# Canon

## PIXMA

WIRELESS HOME ALL-IN-ONE  
INKJET PRINTER



### PIXMA TR7820

Color All-In-One Ink Cartridge Printer



Wi-Fi



Printer



Copier



Scanner



ADF

This stylish and simple-to-use *home printer* has the functions your family may need including a 35-sheet (plain paper, letter size) ADF. The PIXMA TR7820 printer prints high-quality borderless<sup>2</sup> photos as well as documents with sharp smudge-resistant text. Print from or scan directly to compatible mobile devices<sup>3</sup> with user-friendly Wi-Fi<sup>4</sup> capabilities

### PIXMA TR7820

<b>Print Speeds</b>	Up to 15 ipm in black and 10 ipm in color <sup>5</sup>
<b>Functions</b>	Print, Copy, Scan, ADF
<b>Connectivity</b>	Wi-Fi <sup>4</sup> , USB
<b>Auto 2-Sided Print Capability</b>	Yes
<b>Scan/Copy Capabilities</b>	Flatbed or 35-sheet (plain paper, letter size) ADF (automatic document feeder)
<b>Ink Cartridges</b>	Pigment Black Ink and Tricolor Dye-Based Inks (available in both Standard and XL)
<b>Print Subscription Compatible</b>	PIXMA Print Plan <sup>7</sup>
<b>Control Panel</b>	2.7-Inch Color Touchscreen LCD Panel
<b>Printer Size</b> (closed) (WxLxH)	14.8" x 13.8" x 8.2"



**SAVE UP TO 70% ON THE COST OF PRINTING WHEN YOU  
SELECT A MONTHLY PLAN VS TRADITIONAL INK PURCHASE.<sup>7</sup>**  
[usa.canon.com/printssubscription](http://usa.canon.com/printssubscription)



# Everything you need in an Inkjet printer.



## Fast Print Speed<sup>5,6</sup>

Print up to 15 black pages or 10 color pages per minute with your first print out in approximately 9 seconds in black or 11 seconds in color (Letter Size).



## Mobile Connectivity<sup>3,8,9</sup>

Print on-the-go with Canon PRINT, Apple® AirPrint® and Mopria™ Print Service.



## Auto 2-Sided Print Available

Automatically prints on both sides of a sheet without flipping and reinserting the paper.



## 2.7-Inch Color Touchscreen LCD Panel

Switch easily between screens for different print settings containing the features needed for each usage case.



## 35 Sheet Auto Document Feeder

Copy or scan multi-page documents with ease with the 35-Sheet (letter size) Auto Document Feeder.



## Large Paper Capacity Tray Options

Load up to 200-Sheets of plain paper (Letter Size): up to 100-sheets (Letter Size) in bottom cassette, and up to 100-sheets (Letter Size) in rear tray



## High Quality Borderless<sup>2</sup> Photos

Print beautiful borderless<sup>2</sup> photos up to 8.5" x 11" (Letter size).



## Stylish Compact Design

With a neutral appearance and a space-saving size of only 14.8" (W) x 13.8" (L) x 8.2" (H) this printer can fit harmoniously in almost any home environment.



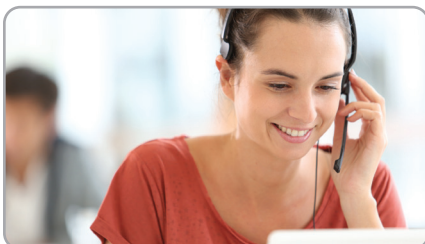
## Print Subscription Compatible

Canon PIXMA Print Plan<sup>7</sup> delivers the ink you need when you need it. You just sign up, pick a plan and get a delivery.



## PosterArtist

PosterArtist<sup>20</sup> is a poster creation software program designed to be used by all levels of users to help them create professional-quality posters, banners and signage.



## Support and Service

Canon U.S.A. takes pride in delivering complete customer satisfaction. Canon's friendly and knowledgeable Customer Service Team provides expert assistance for every level of experience, offering the support, peace of mind, and value you deserve. This printer comes with a one-year limited warranty.<sup>1</sup>



## SPECIFICATIONS

## PIXMA TR7820 PRINTER

### PRINT

<b>Printer Functions</b>	Print, Copy, Scan
<b>Print Features</b>	Document Printing, Photo Printing, Wireless <sup>4</sup> Printing, Mobile Device <sup>3</sup> Printing, Business Card Printing, Greeting Card Printing, Label Printing, Double-sided Matte Paper Support, Auto Duplex Printing
<b>Printing Capability</b>	Single Sided (Simplex/Duplex) Printing
<b>Print Speed (ESAT)<sup>5</sup></b>	Black Document(Letter)Simplex: Approx. 15.0 ipm Color Document(Letter)Simplex: Approx. 10.0 ipm
<b>FPOT<sup>6</sup></b>	As fast as 9 Seconds = BW (from Ready Mode/Simplex) As fast as 11 Seconds = CL (from Ready Mode/Simplex)
<b>Print Resolution<sup>10</sup></b>	Up to 1200 x 1200 dpi
<b>Number of Nozzles</b>	Color (C/M/Y): 768x3 / Pigment Black: 832 / Total: 3,136
<b>Media Handling</b>	Cassette: 100 sheets (letter-size only) Rear Tray: 100 sheets (letter-size only)
<b>Supported Paper / Media Sizes</b>	Rear Tray: LTR, Legal, A4, A5, B5, 4" x 6", 5" x 7", 7" x 10", 8" x 10", Square 3.5" x 3.5", 5" x 5" Custom Size: 2.2" - 8.5" / Length: 5" - 14" Cassette: LTR, A4, A5, B5
<b>Canon Paper / Media Compatibility</b>	Plain: Plain Paper, Canon High Resolution Paper; Glossy: Photo Paper Plus Glossy II, Photo Paper Glossy, Photo Paper Pro Platinum; Semi-Gloss: Photo Paper Plus Semi-Gloss, Photo Paper Pro Luster; Matte: Matte Photo Paper, Double-sided Matte Paper; Magnetic Photo Paper, Restickable Photo Paper; Other (non-Canon): Cardstock, Greeting Card, U.S. #10 Envelopes, Recycled paper and Chlorine-free paper can be used
<b>Supported Media Thickness / Weight</b>	Cassette: Plain Paper: 64 - 105 g/m2 Rear Tray: Plain Paper: 64 - 105 g/m2 OR Canon Paper: Max. approx. 300g/m2 (Canon Photo Paper Plus Glossy II)

### COPY

<b>Copy Features</b>	Standard Copy, Borderless Copy, Two side Copy, Manual Two-Sided Copy with ADF, 4-on-1 / 2-on-1 Copy, Document Copy, Frame Erase Copy (Flatbed Only), Collated Copy (ADF Only), ID Card Copy, Auto Exposure Copy, Preset Copy Ratios, Reduction/Zoom Copy (25% - 400%), Fit-to-Page, Preview, Print all photos, Auto Photo Fix, Fade restoration
<b>First Copy Out Time (FCOT)<sup>6</sup></b>	18 Seconds
<b>Maximum Document Size</b>	Flatbed: Letter / A4 ADF: Legal

### SCAN

<b>Scan Features</b>	Save to PC, Attach to E-mail, Multi-Page PDF
<b>Scanner Type</b>	Flatbed / ADF
<b>Scanning Method</b>	Contact Image Sensor (CIS)
<b>Scanning Resolution<sup>11</sup></b>	1200 x 2400 dpi (Optical)
<b>Maximum Color Scanning Bit Depth</b>	Grayscale: 16-bit / 8-bit Color: 16-bit / 8-bit Per Color
<b>Maximum Document Size</b>	Flatbed: Letter ADF: Legal
<b>ADF Sheet Capacity</b>	Letter Size: 35 Sheets Plain Paper. Legal Size: 5 Sheets Plain Paper. Others: 1 Sheet

### INK INFORMATION

<b>Ink Type</b>	PG-285 Pigment Black Ink CL-286 Dye Based Inks
<b>Page Yield</b>	Standard Cartridge: Black / Color = approx. 180 pages XL Cartridge: Black / Color = approx. 400 pages

### CONNECTIVITY & SOFTWARE / APPS

<b>Connectivity Options</b>	Hi-Speed USB Wi-Fi <sup>®</sup> (Wireless LAN, 2.4/5 GHz, IEEE 802.11b/g/n/a/ac) <sup>4</sup>
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### WIRELESS INFORMATION

<b>Standard</b>	IEEE 802.11b/g/n/a/ac <sup>4</sup>
<b>Security</b>	WEP (64 / 128 bit), WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES)
<b>Wireless LAN Frequency Band(s)</b>	2.4 GHz / 5 GHz
<b>Wireless Direct Connection Capable / Wireless Connect Capable<sup>12</sup></b>	Yes

### OS COMPATIBILITY

<b>Windows<sup>13</sup></b>	Windows <sup>®</sup> 11, Windows <sup>®</sup> 10, Windows <sup>®</sup> 8.1, Windows <sup>®</sup> 7 SP1
<b>Mac<sup>14</sup></b>	macOS <sup>®</sup> v10.15.7 - 13
<b>Mobile Operating Systems<sup>15</sup></b>	iOS <sup>®</sup> , iPadOS <sup>®</sup> , Android <sup>™</sup>
<b>Chromebook<sup>16</sup> Compatible</b>	Yes
<b>Smart Assistant Support</b>	Amazon Alexa
<b>Mobile Printing Solutions and Apps (iOS / Android)</b>	AirPrint <sup>®</sup> , Mopria <sup>®</sup> Print Service <sup>9</sup> , Canon PRINT app <sup>3</sup> , Easy Photo-Print Editor App <sup>17</sup> , Canon Print Service <sup>18</sup> (Android), PIXMA Cloud Link <sup>3</sup> , Creative Park App <sup>19</sup>
<b>Software (Windows / Mac)</b>	PIXMA TR7820 Driver, Easy-PhotoPrint Editor Software <sup>17</sup> , Poster-Artist Web Version Software <sup>20</sup> , Canon Inkjet Smart Connect

### GENERAL

<b>General Features</b>	Auto Power On/Off, Print/Scan/Copy, Quiet Mode, Wireless Direct Connection, Wireless Connect <sup>12</sup> , Auto Paper Width Detection, User Replaceable Maintenance Cartridge
<b>Display</b>	2.7" Color Touch
<b>Supported Languages</b>	33 Supported Languages: Japanese, English (mm & inch), German, French, Italian, Spanish, Portuguese, Dutch, Danish, Norwegian, Swedish, Finnish, Russian, Ukrainian, Polish, Czech, Slovenian, Hungarian, Slovakian, Croatian, Romanian, Bulgarian, Turkey, Greek, Estonian, Latvian, Lithuanian, Simplified Chinese, Korean, Traditional Chinese, Thai, Indonesia, Vietnamese

### POWER INFORMATION

<b>Energy Efficiency</b>	Energy Star <sup>®21</sup> Certified, EPEAT Silver
<b>Auto Power On / Off Capable</b>	Yes
<b>Input Voltage</b>	AC 100 - 240 V, 50 / 60 Hz
<b>Power Consumption</b>	21W (0.9W Standby / 0.1W Off)

### SOUND MANAGEMENT

<b>Quiet Mode</b>	Available
<b>Noise Level</b>	Approx. 48.0 dB(A) (Plain Paper)

### OPERATING ENVIRONMENT

<b>Operating Temperature<sup>22</sup></b>	41° - 95° F (5° - 35° C)
<b>Operating Humidity</b>	10 - 80% RH

### BOX CONTENTS (Besides Product and Documentation)

<b>Ink</b>	1 PG-285 and 1 CL-286 Cartridge
<b>Cables</b>	Power Cord

### PRINTER INFORMATION

<b>Warranty<sup>1</sup></b>	1 Year Limited Warranty
<b>Dimensions<sup>23</sup> (Factory Configuration)</b>	Approx. 14.8 x 13.8 x 8.2 (WxDxH)
<b>Dimensions (Trays Extended)</b>	Approx. 15.9 x 23.8 x 11.2 (WxDxH)
<b>Weight</b>	Approx. 16 lbs

### HARDWARE ORDERING INFORMATION



<b>Model Number</b>	PIXMA TR7820
<b>Description</b>	Wireless Home All-In-One Printer
<b>Item Number</b>	6258C002
<b>UPC Code</b>	013803359985

# SPECIFICATIONS

# PIXMA TR7820 PRINTER

## CONSUMABLE ORDERING INFORMATION



Model Number	PG-285 (Std)	CL-286 (Std)	PG-285 (XL)	CL-286 (XL)	PG-285 & CL-286 Value Pack	PG-285 XL & CL-286 XL Value Pack	MC-G06
Description	Standard Pigment Black Cartridge	Standard Dye C,M,Y Cartridge	XL Pigment Black Cartridge	XL Dye C,M,Y Cartridge	Standard Black & Color Ink Cartridges Value Pack	XL Black & Color Ink Cartridges Value Pack	Maintenance Cartridge
Item Number	6197C001	6217C001	6196C001	6216C001	6197C004	6196C004	6259C001
UPC Code	013803371116	013803371147	013803371123	013803371130	660685252813	660685252820	013803370010

## DISCLAIMERS:

**SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. ALL VIEWSCREEN AND OUTPUT IMAGES ARE SIMULATED.**

- Warranty programs are subject to certain conditions and restrictions. See [www.usa.canon.com/support](http://www.usa.canon.com/support) for details.
- Paper types NOT supported for borderless printing are as follows: Envelope, High Resolution Paper, T-Shirt Transfer and Photo Stickers. The maximum borderless printing size is 8.5"x11".
- Requires an Internet connection and the Canon PRINT app, available for free on the App Store and at Google Play. Compatible with iPad, iPhone 3GS or later, and iPod touch 3rd generation or later devices running iOS 12.0 or later, and Android™ mobile devices running Android 4.4 or later. Your device must be connected to the same working network with wireless 802.11 b/g/n capability as your printer. Requires a compatible social media account and is subject to that social media account's Terms of Service. Certain exceptions may apply.
- Wireless printing and scanning requires a working network with wireless 802.11b/g/n capability, operating at 2.4GHz or 5.0GHz. Wireless performance may vary based on terrain and distance between the printer and wireless network clients.
- Document print speeds are the averages of ESAT in Office Category Test for the default simplex mode, ISO/IEC 24734. Photo print speed is based on the default setting using ISO/JIS-SCID N2 on Photo Paper Plus Glossy II and does not take into account data processing time on host computer. Print speed may vary depending on system configuration, interface, software, document complexity, print mode, page coverage, type of paper used etc. Copy speeds are the average of sFCOT and sESAT, ISO/IEC 29183. Copy speed may vary depending on document complexity, copy mode, page coverage, type of paper used etc. and does not take into account warming up time. See [www.usa.canon.com/ipm](http://www.usa.canon.com/ipm) for additional details.
- Print and/or copy speed is based on internal testing. Print and/or copy speed may vary depending on the number of copies selected, as well as the settings for size, type, and orientation of paper, and whether two-sided is selected. In addition, first-print out speeds may vary based on warm-up time and other restrictions.
- Savings amount will vary depending on the monthly plan chosen and does not apply to the Pay Per Print plan. The savings claim applies to the monthly print plans available and is based on the cost per print calculated on the page yield of 400 Black / 300 Color pages per ink cartridge set and cost of \$58.99 for a value pack of PG-260(XL) and CL-261(XL), the page yield of 300 Black / 300 Color pages per ink cartridge set and cost of \$55.99 for a value pack of PG-275(XL) and CL-276(XL) and the page yield of 400 Black / 400 Color pages per ink cartridge set and cost of \$75.99 for a value pack of PG-285(XL) and CL-286(XL) ink cartridges (using Canon Online Store prices as of October 2023). Actual page yield and cost per print will vary significantly based on content printed and other factors. Page yield is an estimated value based on Canon individual testing method using ISO/IEC 24712 test chart and continuous printing simulation with full set of ink cartridges after initial setup. See <https://www.usa.canon.com/internet/portal/us/home/products/groups/page-yield> for additional information regarding page yields.
- AirPrint functionality requires a compatible iPad, iPhone, or iPod Touch device running iOS 7.0 or later, and an AirPrint-enabled printer connected to the same network as your iOS device. A printer connected to the USB port of your Mac, PC, AirPort Base station, or Time Capsule is not supported.
- Requires Android™ mobile device with Android 4.4 operating system or later with the Mopria Print Service pre-loaded with that device and the compatible PIXMA printer on the same wireless network. The Mopria experience is also available on Android 4.4 or later mobile devices with a download of the Mopria Print Service from Google Play.
- Resolution may vary based on printer driver setting. Color ink droplets can be placed with a horizontal pitch of 1/4800 inch at minimum.
- Optical resolution is a measure of maximum hardware sampling resolution, based on ISO 14473 standard.
- Requires a smart device with the Canon PRINT app installed and connected to the desired active wireless network to complete cableless setup
- Operation can only be guaranteed on a PC with pre-installed Windows 11, Windows 8.1, Windows 7 SP1.
- Internet connection required during software installation. For full compatibility macOS v10.12.1 or later is recommended.
- Some functions may not be available with these Operating Systems. Please refer to manual or Canon website for details.
- Functions and features may vary by printer model. Scanning requires Chrome OS 89 or later.
- The Easy-PhotoPrint Editor software requires an Internet connection and is compatible with the following operating systems; Microsoft Windows 10 (64-bit/32-bit), Microsoft Windows 8.1 (64-bit/32-bit), Microsoft Windows 7 SP1 (64-bit/32-bit), macOS High Sierra v10.13, macOS Sierra v10.12, macOS X El Capitan v10.11 and macOS X El Capitan v10.10.5. Minimum Windows and macOS/macOS X requirements are: 2GB of RAM and a monitor with 1024x768 resolution. The Easy-PhotoPrint Editor mobile application requires an Internet connection and the Easy-PhotoPrint Editor app v1.1.0, available for free on the App Store and at Google Play. Compatible with iPad Air2 (2nd Generation), iPad Mini 4 and iPhone 6s or later devices running iOS 10 or later, and Android mobile devices running Android 5.x or later. Certain exceptions may apply. The following file formats are supported: JPEG, PNG, HEIF (devices running iOS 11 and macOS v10.13 or later), DLP save data, Poster Artist export data, EasyPhoto+ export data, Easy-PhotoPrint Editor export data.
- Canon Print Service is a print plug-in for Android smart devices, which enables printing from Android v4.4 - v5.0 devices to many Canon printers via a Wi-Fi network. The plug-in does not work as a standalone app. Available for free at Google Play.
- Requires an Internet connection and the Creative Park app, available for free on the App Store and at Google Play. Requires an active 'Canon ID' available for free, and subject to 'Canon ID' Terms of Service. Visit [myid.canon](http://myid.canon) for more information. Certain exceptions may apply.
- PosterArtist Online version requires a personal computer with Internet access and a compatible Canon printer. The service is not available on some operating systems or browsers. See [usa.canon.com/PosterArtist](http://usa.canon.com/PosterArtist) for details.
- As an ENERGY STAR® Partner, Canon U.S.A., Inc. has certified this printer as meeting the ENERGY STAR energy efficiency criteria through an EPA-recognized certification body.
- Print quality might be lower depending on the operating environment.



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