

TECHNICAL SPECIFICATIONS

PIXMA TS7450 series

GENERAL SPECIFICATIONS

Model Numbers

PIXMA TS7450 (BLACK)
PIXMA TS7451 (WHITE)^[8]

Functions

Wi-Fi, Print, Copy, Scan, Cloud

PRINTER SPECIFICATIONS

Print Resolution

Up to 4800^[1] x 1200 dpi

Print Technology

2 FINE Cartridges (Black and Colour)

Mono Print Speed

Approx. 13.0 ipm^[2]

Colour Print Speed

Approx. 6.8 ipm^[2]

Photo Print Speed

Borderless 10x15cm : Approx. 43 seconds^[2]

Borderless Printing

Yes (A4, B5, Letter, 20x25cm, 13x18cm, 10x15cm, 13x13cm, 8.9x8.9cm, 17.5x25cm, 9.1x5.5cm)

Two Sided Printing

Auto Duplex Print (A4, A5, B5, Letter - plain paper)

CARTRIDGES AND YIELDS

Standard Ink Cartridges

PG-560 (Black)
CL-561 (Colour)

Optional XL Ink Cartridges

PG-560XL (Black)
CL-561XL (Colour)

Cartridge Yield (Plain paper)

A4 colour documents printing^[3]
Black: 180 pages
Black XL: 400 pages
Colour: 180 pages
Colour XL: 300 pages

Cartridge Yield (Photo print)

10x15cm photo^[3]
Black: 1408* photos
Black XL: 3252* photos
Colour: 76 photos
Colour XL: 118 photos
* Estimated supplemental yield

PAPER SUPPORT

Paper Types

Plain Paper
Canon High Resolution Paper (HR-101N)
Canon Pro Platinum (PT-101)
Canon Plus Glossy II (PP-201)
Canon Pro Luster (LU-101)
Canon Plus Semi-gloss (SG-201)
Canon "Everyday Use" (GP-501)
Canon Matte (MP-101)
T-Shirt Transfer
Envelopes
Removable Photo Stickers (RP-101)
Magnetic Photo Paper (MG-101)
Greeting Card (manufactured by Avery and RedRiverPaper)
Cardstock (manufactured by Neenah Paper and INKPRESS)
Canon Red Label Superior (WOP111)
Canon Oce Office Colour Paper (SAT213)
Double sided Matte (MP-101D)
Light Fabric Iron-on transfers (LF-101)
Dark Fabric Iron-on transfers (DF-101)

Maximum Paper Input

Rear Tray: Max. 20 sheets (photo paper) or Max. 100 sheets (plain paper)
Front Cassette: Max. 100 sheets (plain paper)
Up to 35 Sheets (1-sided)

Automatic Document Feeder

Paper Sizes

Rear Tray:
A4/A5/B5/LTR/LGL/20x25cm/13x18cm/10x15cm/
13x13cm/8.9x8.9cm/17.5x25cm, 9.1x5.5cm,
Envelopes(DL,COM10)
[Custom size] width 55mm - 215.9 mm,
length 89mm - 676mm

Paper Weight

Front Cassette: A4, A5, B5, LTR
[Custom size] width 148.0mm - 215.9 mm,
length 210mm - 297mm

Rear Tray: Plain paper 64 - 105 g/m²,
Canon photo paper up to 300 g/m²
Front Cassette: Plain Paper: 64-105 g/m²

SCANNER SPECIFICATIONS

Scanner Type

Flatbed, ADF and CIS colour scanner
1200 x 2400 dpi^[4]

Scanner Resolution (Optical)

Colour: RGB each 16bit/8bit
Greyscale: 16 bit / 8 bit

Scanning Depth (Input / Output)

Flatbed: A4, LTR (21.6x297mm)
ADF: A4, LTR, LGL

Maximum Document Size

COPIER SPECIFICATIONS

Copy Speed

sFCOT: Approx. 20 sec.^[5]
sESAT: Approx. 4.0 ipm^[5]
99 copies max.

Multiple Copy

Copy Functions

Document Copy, 2-sided copy, 2-on-1,
Collated copy (ADF only)

Copy Zoom

25 - 400%
Fit to page

INTERFACE

Display Type & Size

OLED (1.44 inch)

Display Languages

33 Languages Selectable: Japanese/English
(mm & inch)/German/French/Italian/Spanish/Dutch/
Portuguese/Norwegian/Swedish/Danish/Finnish/
Russian/Czech/Hungarian/Polish/Slovene/Turkish/
Greek/Simplified Chinese/Traditional Chinese/
Korean/Indonesian/Slovakian/Estonian/
Latvian/Lithuanian/Ukrainian/Romanian/
Bulgarian/Thai/Croatian/Vietnamese

Interface Type - PC / Mac

Hi-Speed USB (B Port)
Wi-Fi: IEEE802.11 b/g/n
Wi-Fi Security: WPA-PSK, WPA2-PSK, WEP
Wireless LAN Frequency Band: 2.4GHz

Interface Type - Other

Canon PRINT Inkjet/SELPHY app
Easy-PhotoPrint Editor
Bluetooth
PIXMA Cloud Link
Canon Print Service Plugin (Android)
Apple AirPrint
Wireless Direct
WLAN PictBridge
Mopria (Android)



TECHNICAL SPECIFICATIONS

PIXMA TS7450 series

SOFTWARE

Supported Operating Systems

Windows 10, Windows 8.1, Windows 7 SP1
Operation can only be guaranteed on a PC with pre-installed Windows 7 or later.

macOS 10.12.6~macOS 10.15

Supported Mobile Systems

iOS, iPadOS, Android, ChromeOS

Operational Requirements

Display: 1024 x 768 XGA
Installation: Internet, CD-ROM (Windows)

Software Included

MP Driver including Scanning Utility
Easy-PhotoPrint Editor (download)

PHYSICAL FEATURES

Weight

approx. 8.2 kg

Dimensions (W x D x H)

approx. 403 x 364 x 206 mm

Acoustic Noise Levels

approx. 42.5(A) ^[6]

Recommended Operating Environment

Temperature: 15-30°C
Humidity: 10-80%RH (no dew condensation)

Power Source

AC 100-240V, 50/60Hz

Power Consumption

Off: Approx. 0.3W
Standby (connected to PC via USB): Approx. 0.9W (scanning lamp off)
Standby (all ports connected): Approx. 1.7W (scanning lamp is off)
Time to enter Standby mode: 10min 7sec
Copying: Approx. 14W ^[7]

Footnotes

- [1] Ink droplets can be placed with a minimum pitch of 1/4800 inch
- [2] 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.
- [3] Declared yield value in accordance with ISO/IEC 24711 standard. Values obtained by continuous printing.
- [4] Optical resolution is a measure of maximum hardware sampling resolution, based on ISO 14473 standard.
- [5] 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.
- [6] Acoustic Noise is measured based on ISO7779 standard (colour printing) with default setting.
- [7] When copying ISO/JIS-SCID N2 (printed by inkjet printer) on A4 size plain paper using default settings.
- [8] Some colours may not be available in your region.

Standard disclaimers

All specifications subject to change without notice.

Print speed may vary depending on system configuration, interface, software, document complexity, print mode, page coverage, type of paper used etc.

Ink yield may vary depending on texts/photos printed, applications software used, print mode and type of paper used. For yield information see www.canon-europe.com/ink/yield
Scan speed may vary depending on system configuration, interface, software, scan mode settings and document size etc.

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