



imagePROGRAF TM-250 / TM-255

PERFORMANCE REIMAGINED

Elevate printing experiences with enhanced productivity, intuitive functionality and professional image quality from a sustainable device. The 24" printer can seamlessly create accurate CAD prints with sharp lines and eye-catching marketing materials, designed for corporate and sizable AEC offices and the retail and education sector.

- **Professional printing quality**
Use stable image enhancements to create sharp, crisp lines and new magenta ink for vivid red colour. As a result, you'll produce vivid and accurate CAD drawings, posters and educational materials
- **Enhanced productivity**
Produce A1 CAD prints in just 20 seconds, or A1 posters in 22 seconds. Save time trimming excess margins with borderless prints of any sizes and easily meet higher print demand with larger ink tanks, quick processing time and a fast return from sleep mode
- **Intuitive functionality**
Follow easy instructions and take in important information like media type, remaining media and ink amount on a 4.3" touch screen panel. Save time by setting roll paper with quick access through a flat-top cover
- **Improved sustainability**
Environmentally conscious EPEAT Gold* rated device for low energy consumption, with power reduction during standby and packaging free from polystyrene foam. Less noise printing makes it ideal for quiet offices

*EPEAT Gold registered in the U.S.

Canon

TECHNICAL SPECIFICATIONS

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PRINTER TECHNOLOGY

Printer Type

Print Technology

Print Resolution

Number of Nozzles

Line Accuracy

Nozzle Pitch

Ink Droplet Size

Ink Capacity

Ink Type

OS Compatibility

Others supported job submission protocol

Printer Languages

Standard Interfaces

MEMORY

Standard memory

Hard Drive

PRINTING SPEED

CAD Drawing

Plain Paper (A1)

Poster:

Plain Paper (A1)

Heavy coated paper (A1)

MEDIA HANDLING

Media Feed and Output

Media Width

Media Thickness

Minimum Printable Length

Maximum Printable Length

Maximum Media Roll Diameter

Media Core Size

Margins Recommended area

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5 Colours 24"

Canon Bubblejet on Demand 6 colours integrated type
(6 chips per print head x 1 print head)

2,400 x 1,200 dpi

Total: 15360 nozzles MBK: 5120 nozzles BK, C, M, Y: 2560
nozzles each

±0.1% or less

User adjustments necessary. Printing environment and
media must match those used for the adjustments.

1,200 dpi x 2 lines

minimum 5pl per colour

Bundled Starter Ink: 490ml
(130ml for MBK, 90ml x 4 for BK, C, M, Y)

Sales Ink: 300/130ml (MBK, BK, C, M, Y)

Pigment inks : 5 colours MBK/BK/C/M/Y

32 Bit: Windows 7, Windows 8.1, Windows 10
64 Bit: Windows 7, Windows 8.1, Windows 10, Windows 11,
Windows Server 2008R2, 2012, 2012R2, 2016, 2019, 2022
Apple Macintosh: macOS 10.15.7-macOS 13

Apple AirPrint

HP-GL/2, HP RTL, JPEG
(Ver. JFIF 1.02), CALS G4
(submission via FTP only)

HP-GL/2, HP RTL, PDF
(Ver. 1.7), JPEG
(Ver. JFIF 1.02), CALS G4
(submission via FTP only)

USB A Port: N/A

USB A Port: USB Memory
(Direct Print)

USB B Port: Hi-Speed USB
Ethernet: IEEE802.3ab(1000base-T),
IEEE802.3u (100BASE-TX)/IEEE802.3 (10BASE-T)
Wireless LAN: IEEE802.11n/IEEE802.11g/IEEE802.11b

*Please refer to user manual how to activate/deactivate the wireless LAN

2GB

Expansion slot: No

128GB

(Physical memory 2GB)
Expansion slot : No
500GB (Encrypted)

0:20 (Fast Economy Mode)
0:23 (Fast)
0:40 (Standard)

0:22 (Fast Economy Mode)
0:25 (Fast)
0:44 (Standard)
0:55 (Fast)
1:23 (Standard)

Roll Paper : One Roll, Upper-loading, Front Output
Cut Sheet : Upper-loading, Front Output
(Manual feed using media locking lever)

Roll paper: 203.2 - 610mm
Cut sheet: 203.2 - 610mm

Roll/Cut : 0.07mm - 0.8mm

Roll paper: 203.2mm
Cut sheet: 279.4mm

Roll paper : 18m
(varies according to the OS and application)
Cut sheet : 1.6m

150 mm

Internal diameter of roll core: 2"/3"

Roll paper: Top: 20mm, Bottom: 3mm, Side: 3mm
Cut sheet (AppleAirPrint): Top: 20mm, Bottom: 31mm, Side: 3mm
Cut sheet (Others): Top: 20mm, Bottom: 20mm, Side: 3mm

Margins Printable area

Media Feed Capacity

Media Take-Up Roll Unit

Borderless Printing Width (Roll Only)

Maximum number of delivered prints

POWER AND OPERATING REQUIREMENTS

Power Supply

Power Consumption

Operating Environment

Acoustic Noise (Power/Pressure)

Regulations

Environment Certificates

DIMENSIONS AND WEIGHT

Physical Dimensions and Weight

Packaged Dimensions and Weight

WHAT'S INCLUDED

What's in the Box?

Software Included

OPTIONS

Optional Items

CONSUMABLES

User Replaceable Items

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Roll paper: Top: 3mm, Bottom: 3mm, Side: 3mm
Roll paper (borderless): Top: 0mm, Bottom: 0mm, Side: 0mm
Cut sheet (AppleAirPrint): Top: 3mm, Bottom: 12.7mm, Side: 3mm
Cut sheet (Others): Top: 3mm, Bottom: 20mm, Side: 3mm

Roll Paper: One roll
Cut Sheet: 1 sheet

N/A

[Recommended] 515mm(JIS B2), 594mm (ISO A1),
10", 14", 17", 24"

[Printable] 257mm(JIS B4), 297mm(ISO A3), 329mm
(ISO A3+), 420mm(ISO A2), 515mm(JIS B3), 8", 12", 15",
16", 18", 20", 22", 300mm, 500mm, 600mm

Other than above, free size borderless printing is
supported on only roll paper by user definition

Standard position: 1 sheet
Folding position: Plain paper 20 sheets on A1 portrait
Flat position: Plain paper 20 sheets on A2 landscape
(exclude strong curled position)

AC 100-240V (50-60Hz)

Operation: 62W or less
Sleep mode: 2.2W or less
Default setting for the time
to enter the Sleep mode:
Approx. 5 minutes
Power off: 0.1W or less

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Default setting for the time
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Temperature: 15-30°C, Humidity: 10-80% RH
(no dew condensation)

Operation: 41dB(A), (Standard Plain Paper, Standard mode,
Line Drawing/Text mode)
(Measured based on ISO7779 standard)
Standby: 35 dB(A) or less
Operation: 6.2 Bels or less (Standard Plain Paper,
Standard mode, Line Drawing/Text mode)
(Measured based on ISO7779 standard)

CE mark, UKCA mark

CB certification, EPEAT GOLD¹⁾

W x D x H

Main unit with stand

978 x 885 x 1060 mm

(Operation panel is not tilted up/Basket Opened)

978 x 756 x 1060 mm

(Operation panel is not tilted up/Basket Closed)

55 kg

(including Roll Holder Set, excluding ink and print head)

Printer (Main unit with stand and pallet):
1152 x 913 x 946 mm, 96kg

Printer, Printer Stand, 1 Print head, Power Cable, 1 Set of
starter ink tanks, 1 Roll holder (spool) and 3" Paper Core
Attachment, Installation Guide, Safety/Standard
Environment leaflet, LFP Eur Address Sheet, Important
Information Sheet, Stack Printer Stand Setup Guide, Notice
for PosterArtist WEB

Software available as Download from Web

2"/3" Roll Holder: RH2-28
IC Card Reader Holder: RA-02

Ink Tank: M: PFI-321(300ml)/PFI-121 (130ml),
MBK/BK/C/Y: PFI-320(300ml)/PFI-120(130ml)
Print Head: PF-06
Cutter Blade: CT-08
Maintenance Cartridge: MC-31

Footnotes

¹⁾ EPEAT Gold registered in the U.S.

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Canon recommends you use Canon Media for the best results. Please check media (paper) compatibility list to see
which variety of paper/media is recommended.



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