

Canon imagePROGRAF PRO-310 Specification

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GENERAL SPECIFICATIONS Class	13"
PRINT HEAD / INK Type	Permanent
Number of nozzles	Total 7,680 nozzles (MBK/PBK/C/M/Y/PC/PM/GY/R/CO) each 768 nozzles x 10)
Number of Ink Tanks	10 Colours-MBK/PBK/C/M/Y/PC/PM/GY/R/CO
MAXIMUM PRINTING RESOLUTION Maximum printing resolution	4800 (horizontal)1x 2400 (vertical)1dpi
PRINT SPEED Print Speed	Photo (11"x14" image on A3+ with Border)2 Color/PT-101: approx.4 m 15s Black/PT-101: approx.4 m 15s
MAXIMUM PRINTABLE PAPER SIZE Top Tray (width) Manual Feed (width) Custom (length)	Up to 329 mm (A3+) Borderless Printing Up to 330.2 mm 1800mm
PRINTABLE AREA Borderless printing Bordered printing	Top/Bottom/Right/Left margin: each 0 mm Top margin : 3 mm, Bottom margin : 5 mm, Left/Right margin: each 3.4 mm (Sizes other than Letter or Legal) or Square 5" Top/Bottom/Right/Left margin: each 6.0mm,

	Recommended Top/Bottom margin for Fine Art Paper: each 25mm
SUPPORT MEDIA Top tray	Plain Paper/ Photo Paper Pro Platinum (PT-101)/Photo Paper Plus Glossy II (PP-201)/ Photo Paper Pro Luster (LU-101)/ Photo Paper Plus Semi-gloss (SG-201)/ Matte Photo Paper (MP-101)/ Lightweight Photo Paper/ Heavyweight Fine Art Paper / Canvas / Photo Paper (Grayscale Printing) /Photo Paper (Long-form Printing)/ Fine Art Paper (Long-form Print) /Greeting Card
Manual feed	Photo Paper Pro Platinum (PT-101)/Photo Paper Plus Glossy II (PP-201)/Photo Paper Pro Luster (LU-101)/ Photo Paper Plus Semi-gloss (SG-201)/ Matte Photo Paper (MP-101) / Photo Paper Pro Premium Matte (PM-101) / Premium Fine Art Smooth (FA-SM)/ Premium Fine Art Rough/ Lightweight Photo Paper/Heavyweight Photo Paper / Heavyweight Fine Art Paper / Extra Heavyweight Fine Art Paper/Highest Density Fine Art Paper / Canvas / Baryta Photo Paper / Photo Paper (Grayscale Printing) /Fine Art Paper (Grayscale Print) / Photo Paper (Long-form Printing) / Fine Art Paper (Long-form Print) / Greeting Card
Multi-purpose tray	Printable Disk
PAPER SIZE Top Tray (Maximum Number)	A5/A4/A3/ A3+/B5/B4/ 4"x6"(KG) / 5"x7" / 7"x10" / 8"x10"/ 9" x13" / 11" x14" / 10"x12" / 12"x12" / Square 5" (127x127 mm) Custom size (width 89mm -329.0mm, length 127mm -990.6mm or 1800mm)
Manual Feed	A5/A4/A3/A3+/B4/ 9"x13" / 11"x14"/13"x19" /8"x10" /



<p>(Maximum Number)</p>	<p>10"x 12"/ 12"x12" Custom size (width 203.2mm -330.2mm, length 254.0mm -990.6 mm or 1800mm)</p>
<p>Multi-Purpose Tray</p>	<p>Printable Disc 120 x120 mm</p>
<p>PAPER SIZE (BORDERLESS) Paper Size (Borderless)</p>	<p>A5/A4/A3/A3+/B5/B4 / 4"x6" (KG) / 5"x7" / Square 5" (127x127mm) / 7"x10" / 8"x10" / 10"x12" / 11"x14"/ 12"x12"/ 13"x19"/</p>
<p>PAPER HANDLING Top Tray</p>	<p>Plain Paper: A4/A5/B5 = 100 A3 = 50 Photo Paper Pro Platinum (PT-101):4"x6" (KG) = 20 A3/A4/2L/8"x10" = 10 10"x12"/A3+ = 1 Photo Paper Plus Glossy II (PP-201):4"x6" (KG)/ Square 5" (127x127 mm) = 20 A3/A4 8"x10"/5"x7" = 10 A3+ = 1 Photo Paper Pro Luster (LU-101):A4 /A3 = 10 A3+ = 1 Photo Paper Plus Semi-gloss (SG-201): 4"x6" (KG) = 20 A4 /A3/5x7/8"x10" = 10 10"x12"/A3+ = 1 Matte Photo Paper (MP-101):4"x6" (KG) = 20 A4 /A3 = 10 A3+ = 1</p>
<p>Manual Feed</p>	<p>Photo Paper Pro Platinum (PT-101): A3/A4/8"x10" /10"x12"/A3+ = 1 Photo Paper Plus Glossy II (PP-201):A4/A3/A3+ = 1 Photo Paper Pro Luster (LU-101):A4/A3/A3+ = 1 Photo Paper Plus Semi-gloss (SG-201):A4/A3/8"x10" /10"x12"/A3+ = 1 Matte Photo Paper (MP-101): A4/A3/A3+ = 1 Photo Paper Pro Premium Matte (PM-101): A4/A3/A3+ = 1 Premium Fine Art Smooth (FA-SM): A4/A3/A3+ = 1 Premium Fine Art Rough (FA-RG1): A4/A3/A3+ = 1</p>
<p>Multi-Purpose Tray</p>	<p>1 (Multi-purpose Tray)</p>

<p>PAPER WEIGHT</p> <p>Top Tray</p>	<p>Plain Paper: 64-105 g/m²</p> <p>Specialty paper: Up to 380 g /m²</p>
<p>Manual Feed</p>	<p>Paper Thickness 0.1 ~0.6mm or less</p>
<p>INK TANK</p> <p>Ink Model</p>	<p>LUCIA PRO II Ink Tanks:</p> <p>PFI-5100</p> <p>MBK/ PBK/C/M/Y/PC/PM/GY/R/CO</p>
<p>Page Yield (4x6" PT-101)</p>	<p>Number of 10x15cm photos 7</p> <p>Matte Black (MBK): 1679 photos*</p> <p>Photo Black (PBK): 450 photos</p> <p>Grey (GY): 233 photos</p> <p>Cyan (C): 842 photos*</p> <p>Photo Cyan (PC): 704 photos*</p> <p>Magenta (M): 610 photos*</p> <p>Photo Magenta (PM): 430 photos*</p> <p>Yellow (Y): 551 photos*</p> <p>Red (R): 969 photos*</p> <p>Chroma Optimizer (CO): 256 photos</p> <p>* Estimated Supplemental Yield</p>
<p>Page Yield (A3+ PT-101)</p>	<p>Number of A3+ photos 8</p> <p>Matte Black (MBK): 244 photos*</p> <p>Photo Black (PBK): 41 photos*</p> <p>Grey (GY): 48 photos*</p> <p>Cyan (C): 82 photos</p> <p>Photo Cyan (PC): 119 photos*</p> <p>Magenta (M): 100 photos*</p> <p>Photo Magenta (PM): 76 photos</p> <p>Yellow (Y): 108 photos</p> <p>Red (R): 134 photos*</p> <p>Chroma Optimizer (CO): 66 photos*</p> <p>* Estimated Supplemental Yield</p>
<p>CONNECTIVITY</p>	

<p>Protocols</p> <p>Interface</p> <p>Wired LAN</p>	<p>SNMP/ HTTP/TCP/IP(IPv4/IPv6)</p> <p>Interface USB B Port: Hi-Speed USB</p> <p>Wired LAN Network Type: IEEE 802.3 10base-T / IEEE 802.3u 100base-TX</p> <p>Data Rate: 10Mbps/100Mbps(Auto switching)</p> <p>Security: IEEE 802.1X(EAP-TLS/EAP-TTLS/PEAP)</p>
<p>Wireless LAN</p>	<p>Network Type:</p> <p>IEEE802.11n/IEEE802.11g/IEEE802.11b</p> <p>IEEE802.11a</p> <p>Frequency Band: 2.4GHz</p> <p>Range: Indoor 50 m depends on the transmission speed and conditions</p> <p>Security:</p> <p>WPA-PSK(AES)</p> <p>WPA2-PSK(AES)</p> <p>WPA3-SAE(AES)</p> <p>WPA-EAP(AES)✘</p> <p>WPA2-EAP(AES)✘</p> <p>WPA3-EAP(AES)✘</p> <p>✘IEEE802.1X(EAP-TLS/EAP-TTLS/PEAP)</p> <p>available</p>
<p>Direct connection (Wireless LAN)</p>	<p>Available</p>
<p>SYSTEM REQUIREMENTS</p> <p>Supported Operating Systems</p>	<p>Windows 7 SP1, Windows 8.1, Windows 10, Windows 11</p> <p>Windows Server 2008 R2 SP1, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019, Windows Server 2022</p> <p>Mac OS</p> <p>OS11.7.10 -OS15</p>
<p>Supported Mobile Systems</p>	<p>Chrome OS</p>

	iOS Android
SOFTWARE SUPPORT Canon Professional Print & Layout	Available
Adobe Photoshop / Lightroom	Supported via Canon PPL Plugin
PRINT APPLICATIONS & METHODS Canon PRINT AirPrint Mopria Canon Print Service (for Android) Cloud Link	Available Available Available Available Available
OPERATION PANEL Display Language	3.0 inch/7.5cm LCD(Display Panel, Color) 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
ACOUSTIC NOISE (PC PRINT)	Approx. 39.5dB (A)
Acoustic Noise	Plain Paper(A4, Color)6: Approx. 40.5dB(A)

	<p>Photo Paper Pro Platinum (PT-101)</p> <p>(4x6,Color, borderless): Approx.38.5dB(A)</p>
Quiet Mode	Available
Power	AC 100 -240 V 50 /60 Hz
POWER CONSUMPTION	
<p>Standby (Minimum) (USB Connection to PC)</p> <p>OFF</p> <p>Printing (USB Connection to PC)</p> <p>Standby Sleep</p> <p>Time to enter Standby Mode</p>	<p>Approx. 1.0W*</p> <p>*The wait time for standby cannot be changed.</p> <p>Approx. 0.05W</p> <p>Approx. 16W</p> <p>for ErP Lot 26 regulation>: Approx. 2.3W</p> <p>for ErP Lot 26 regulation> : Approx. 15 minutes</p>
<p>DIMENSIONS (W x D x H)</p> <p>With the trays retracted.</p> <p>With the trays extended.</p>	<p>approx. 639 x 379 x 200 mm</p> <p>approx. 639 x 837 x 416 mm</p>
Weight	approx. 14.4 kg
<p>GENERAL SPECIFICATIONS</p> <p>Operating Environment</p> <p>Recommended Environment</p> <p>Storage Environment</p> <p>Environment</p>	<p>Temperature: 5~35 °C Humidity: 10~90 %RH (no dew condensation)⁴</p> <p>Temperature: 15~30 °C Humidity: 10~80 %RH (no dew condensation)⁵</p> <p>Temperature: 0~40 °C Humidity: 5~95 %RH (no dew condensation)</p> <p>Temperature: 0~40 °C Humidity: 5~95 %RH (no dew condensation)</p> <p>Energy saving: ErP Lot 6/26(EU)</p> <p>Resource saving/Recycle: WEEE(EU)</p>

	Elimination of harmful substances: RoHS(Mainly EU), REACH(EU)
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Footnotes:

[1] Prints with a pitch of 1/2400 inch (ink droplets) at minimum

[2] Print speed is based on the default setting using ISO/JIS-SCID N2 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.

[3] Minimum system requirements are according to that of OS and application software used.

[4] Print quality may deteriorate depending on temperature and humidity

[5] Refer to the paper package or the instruction manual supplied with the paper for temperature and humidity conditions of photo printing paper, etc.

[6] Acoustic Noise is measured based on ISO7779 standard with default setting.

[7] Declared yield value in accordance with ISO/IEC 29102. Values obtained by continuous printing. Right-click the image on Windows 10 and select "Print" from the menu to print.

[8] When printing ISO/JIS-SCID N2 test file at 11" x 14" continuously on A3+ , with the default settings of testing paper using Windows 10 printer driver and Photoshop CC.