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HP Color LaserJet 4700 Printer Series - Printer Specifications

Print media specifications

- Physical dimensions
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Print media specifications

For optimum results, use conventional 75 g/m² (20 lb) photocopy paper. Verify that the paper is of good quality and is free of cuts, nicks, tears, spots, loose particles, dust, wrinkles, curls, or bent edges.

- To order supplies in the U.S., go to www.hp.com/go/ljsupplies .
- To order supplies worldwide, go to www.hp.com/ghp/buyonline.html .
- To order accessories, go to HP Printing Supplies & Accessories at http://h30094.www3.hp.com/filterby.asp?type=1 .

NOTE: Test any media, particularly custom media, before purchasing large quantities to ensure that it will perform satisfactorily.

Supported Tray 1 media weights and sizes

Tray 1 media weights and sizes

Tray 1	Dimensions	Weight or thickness	Capacity
Paper and cardstock, standard sizes (letter/A4, legal, executive, JIS B5, A5); custom sizes	Range: 76 x 127 mm (3 x 5 in) to 216 x 356 mm (8.5 x 14 in)	Range: 60 g/m ² (16 lb) bond to 220 g/m ² (60 lb) bond	Maximum stack height: 10 mm (0.6 in) Equivalent to 100 sheets of 75 g/m ² (20 lb) bond
Glossy paper (letter/A4, legal, executive, JIS B5, A5)	Range: 76 x 127 mm (3 x 5 in) to 216 x 356 mm (8.5 x 14 in)	Range: 75 g/m ² (20 lb) bond to 220 g/m ² (60 lb)	Maximum stack height: 10 mm (0.6 in)

NOTE: Do not use inkjet papers in this

printer.		bond	
Transparencies (letter/A4), suitable for use in laser printers	Letter: 215.9 x 279.4 mm (8.5 x 11 in) A4: 210 x 297 mm (8.27 x 11.7 in)	Minimum 0.13 mm (0.005 in) thick	Maximum stack height: 10 mm (0.6 in)
HP Tough paper (letter/A4)	Letter: 215.9 x 279.4 mm (8.5 x 11 in) A4: 210 x 297 mm (8.27 x 11.7 in)	0.13 mm (0.005 in) thick	Maximum stack height: 10 mm (0.6 in)
HP Color Laser Glossy Photo Paper (letter/A4) NOTE: Do not use inkjet papers in this printer.	Letter: 215.9 x 279.4 mm (8.5 x 11 in) A4: 210 x 297 mm (8.27 x 11.7 in)	220 g/m ² (60 lb) bond	Maximum stack height: 10 mm (0.6 in)
Envelopes (Com 10, Monarch, C5, DL, B5)		Range: 60 g/m ² (16 lb) bond to 90 g/m ² (24 lb) bond	20 envelopes
Labels (letter/A4, legal, executive, JIS B5, A5), suitable for use in laser printers	Range: 76 x 127 mm (3 x 5 in) to 216 x 356 mm (8.5 x 14 in)	Maximum 0.23 mm (0.009 in) thick	Maximum stack height: 10 mm (0.6 in)

Supported Tray 2 and optional Trays 3 through 6 media weights and sizes

Tray 2 and optional Trays 3 through 6 media sizes¹

Tray 2 and optional trays	Dimensions	Weight or thickness	Capacity
Paper, standard sizes (letter/A4, legal, executive, JIS B5, A5); custom sizes	Range: 148 x 210 mm (5.83 x 8.27 in) to 216 x 356 mm (8.5 x 14 in)	Range: 60 g/m ² (16 lb) bond to 120 g/m ² (32 lb) bond	Maximum stack height: 56 mm (2.2 in) Equivalent to 530 sheets of 75 g/m ² (20 lb) bond
Glossy paper (letter/A4, legal, executive, JIS B5, A5) NOTE: Do not use inkjet papers in this printer.	Range: 148 x 210 mm (5.83 x 8.27 in) to 216 x 356 mm (8.5 x 14 in)	Range: 75 g/m ² (20 lb) bond to 120 g/m ² (32 lb) bond	Maximum stack height: 56 mm (2.2 in)
HP Color Laser Glossy Photo & Imaging Paper (letter/A4) NOTE: Do not use inkjet	Letter: 215.9 x 279.4 mm (8.5 x 11 in) A4: 210 x 297 mm (8.27	120 g/m ² (32 lb) bond	Maximum stack height: 56 mm (2.2 in)

papers in this printer.	x 11.7 in)		
Transparencies (letter/A4), suitable for use in laser printers	Letter: 215.9 x 279.4 mm (8.5 x 11 in) A4: 210 x 297 mm (8.27 x 11.7 in)	Minimum: 0.13 mm (0.005 in) thick	Maximum stack height: 56 mm (2.2 in)
HP Tough Paper (letter/A4)	Letter: 215.9 x 279.4 mm (8.5 x 11 in) A4: 210 x 297 mm (8.27 x 11.7 in)	Maximum: 0.13 mm (0.005 in) thick	Maximum stack height: 56 mm (2.2 in)
Labels (letter/A4 and custom sizes), suitable for use in laser printers	Range: 148 x 210 mm (5.83 x 8.27 in) to 216 x 356 mm (8.5 x 14 in)	Maximum: 0.13 mm (0.005 in) thick	Maximum stack height: 56 mm (2.2 in)
NOTE: ¹ - Tray 2 and optional trays use custom sizes specifically for B5 ISO. These trays do not support the range of custom sizes that can be used in Tray 1.			

Supported Duplexer media weights and sizes

Automatic duplex printing (two-sided printing)

Automatic duplex printing	Dimensions	Weight or thickness
Paper	Standard sizes: Letter: 215.9 x 279.4 mm (8.5 x 11 in) A4: 210 x 297 mm (8.27 x 11.7 in) 8.5 x 13: 215.9 x 330.2 mm (8.5 x 13 in) Legal: 215.9 x 355.6 mm (8.5 x 14 in) Executive: 184.2 x 266.7 mm (7.25 x 10.5 in) JIS B5: 182 x 257 mm (7.17 x 10.12 in)	Range: 60 g/m ² (16 lb) bond to 120 g/m ² (32 lb) bond
Glossy paper (A4/letter, 13 x 8.5 in, legal, executive, JIS B5) NOTE: Do not use inkjet papers in this printer.	See above for standard sizes supported	Range: 75 g/m ² (20 lb) bond to 120 g/m ² (32 lb) bond
HP Color Laser Glossy Photo & Imaging Paper (A4/ letter) NOTE: Do not use inkjet papers in this printer.	Standard sizes: Letter: 215.9 x 279.4 mm (8.5 x 11 in)	120 g/m ² (32 lb) bond

Supported Stapler/Stacker media weights and sizes

Stapler/stacker			
Stapler/stacker	Dimensions	Weight or thickness	Capacity
Stacking with offset NOTE: Media types: paper and cardstock, glossy paper, transparencies, photo paper	Printing from Tray 1: 76 x 127 mm (3 x 5 in) to 216 x 356 mm (8.5 x 14 in) Printing from Tray 2 and optional trays: 148 x 210 mm (5.83 x 8.27 in) to 216 x 356 mm (8.5 x 14 in)	Range: 60 g/m ² (16 lb) bond to 120 g/m ² (32 lb) bond	NOTE: The stapler/stacker bin has a capacity of 750 sheets of 75 g/m² (20 lb) bond
Stacking without offset NOTE: See above for supported media types.	Printing from Tray 1: 76 x 127 mm (3 x 5 in) to 216 x 356 mm (8.5 x 14 in) Printing from Tray 2 and optional trays: 148 x 210 mm (5.83 x 8.27 in) to 216 x 356 mm (8.5 x 14 in)	Range: 75 g/m ² (20 lb) bond to 120 g/m ² (32 lb) bond	
Stapling (30 sheets) NOTE: Media types: paper and cardstock, glossy paper, transparencies, photo paper	NOTE: See above for supported trays and media sizes.	60 g/m ² (16 lb) to 160 g/m ² (43 lb)	
Stapling (20 sheets) NOTE: See above for supported media types.	NOTE: See above for supported trays and media sizes.	60 g/m ² (16 lb) to 220 g/m ² (53 lb)	

Physical dimensions

Physical dimensions				
Product	Height	Depth	Width	Weight
HP Color LaserJet 4700 and HP Color LaserJet 4700n	582 mm (22.9 in.)	598 mm (23.5 in.)	521 mm (20.5 in.)	47.7 kg (105.1 lb.)
HP Color LaserJet 4700dn with duplexer	628.6 mm	598 mm	521 mm	48.9 kg

	(24.7 in.)	(23.5 in.)	(20.5 in.)	(107.8 lb.)
HP Color LaserJet 4700dtn with Trays 3 and 4, duplexer, and stand	1010.6 mm (39.8 in.)	715 mm (28.2 in.)	630 mm (24.8 in.)	104.3 kg (230 lb.)
HP Color LaserJet 4700ph+ with Trays 3, 4, 5, and 6, duplexer, stapler/stacker, and stand	1375.5 mm (54.2 in.)	715 mm (28.2 in.)	630 mm (24.8 in.)	130.5 kg (287.7 lb.)
750 sheet stapler/ stacker	305 mm (12 in.)	476 mm (18.7 in.)	500 mm (19.7 in.)	8.4 kg (18.5 lb.)
Optional paper tray	117 mm (4.6 in.)	578 mm (22.8 in.)	514 mm (20.25 in.)	8.9 kg (19.6 lb.)
Printer stand	148 mm (5.8 in.)	715 mm (28.2 in.)	630 mm (24.8 in.)	37.6 kg (83 lb.)

Electrical specifications

Electrical specifications

Attributes	110-Volt models	220-Volt models
Power requirements	100-127V (+/- 10%)	220-240V (+/- 10%)
	50/60 Hz (+/- 2 Hz)	50/60 Hz (+/- 2 Hz)
Rated current	8 Amps	4 Amps

Power consumption (average, in watts)¹

Product model	Printing (31 ppm letter) ²	Ready ^{3, 4}	Sleep ⁵	Off
HP Color LaserJet 4700	567	55	17	0.3
HP Color LaserJet 4700n	567	55	17	0.3
HP Color LaserJet 4700dn	567	55	17	0.3
HP Color LaserJet 4700dtn	591	63	18	0.3
HP Color LaserJet 4700ph+	623	66	18	0.3

NOTE: ¹ - Values are subject to change. See www.hp.com/support/clj4700 for current information. ² - Power reported is the highest value measured using all standard voltages. ³ - Maximum heat dissipation for all models in Ready mode is 225 BTU/hour. ⁴ - Default time from Ready mode to Sleep mode is 30 minutes. ⁵ - Recovery time from Sleep mode to start of printing is less than 15 seconds.

Acoustic emissions

Acoustic emissions

Sound Power Level	Declared Per ISO 9296
Printing (31 ppm letter) ^{1, 2, 3}	L _{WAd} = 6.7 Bels (A) [67 dB (A)]
Ready	L _{WAd} = 4.7 Bels (A) [47 dB (A)]
Sound Pressure Level - Bystander Position	Sound Pressure Level - Bystander Position
Printing (31 ppm letter) ^{1, 2, 3}	L _{pAm} = 50 dB (A)
Ready	L _{pAm} = 31 dB (A)

NOTE: ¹ - Values are subject to change. See www.hp.com/support/clj4700 for current information. ² - Configuration tested: Base printer, simplex printing on A4 paper. ³ - HP

Environmental specifications

Environmental specifications

Specification	Recommended	Allowed
Temperature	17 to 25°C (62.6 to 77°F)	15 to 30°C (59 to 86°F)
Humidity	30 to 70% relative humidity (RH)	10 to 80% RH
Altitude	N/A	0 to 2600 m (0 to 8530 ft)

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