Files for Printing vs Files for Emailing

Print Size at 300ppi – photo print quality. mm/inches and A series	**Pixel Dimensions of this photo at photo print quality of 300ppi**	**Megapixels at 300ppi**	**Megapixel camera required to capture and produce the photo quality print**	**Approx Jpeg file size produced (This varies with compression settings)**	**Files needed for Emailing** (Refer to physical size, pixel dimensions or saved jpeg file size as a guide to knowing what is suitable or unsuitable to send)
152x101mm / 6x4 inches	1800x1200	2.16	2	1880KB /1.8MB	**Perfect** Equals a full screen view on a standard high definition screen of 1920x1080px
178x127mm / 7x5inches	2100x1500px	3.15	3	2657KB / 2.6MB	**OK**, but this is bordering on being too large.
22.86x15.24 / 9x6 inches	2700x1800px	4.86	5	3832KB / 3.8MB	**To Large and completely unnecessary** Very few computer screens have resolutions anywhere near this.
297x210mm / 11.7x8.3inches / A4	3508x2480px	8.7	8 to 9	6355KB / 6.45MB	**Pointless and possibly annoying** This is well beyond what would be required for a full screen view on a Ultra HD screen 3840 X 2160. At this point unless the receiver requires a file to produce a print to the size shown in column, you are wasting your time waiting for the file to upload, wasting data should you have limits and be likely to be causing issues for the receiver.
420x297mm / 16.5x11.7inches / A3	4961x3508px	17.4	17	9280KB / 9.3MB	
594x420mm / 23.4x16.5 inches / A2	7016x4961px	34.8	34-35	15955KB / 16 MB	
841x594mm / 33.1x23.4inches / A1	9933x7016px	69.7	70	24840KB / 24.8MB	
1189x841mm / 46.8x33.1inches / A0	14043x7016px	98.5	100	42966KB / 43MB	
1500x900mm / 59x35.4inches	17717x10630px	188.3	188	57743KB / 57.7MB	
1200x1200mm / 47.2x47.2inches	14173x14173px	200.8	200	60738KB / 60.7MB	

Typical Screen Resolutions : High Definition (HD) 1920x1080px Retina Display 2304x1440

Ultra High Definition (UHD) – 3840x2160 4K – 4096x3072

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