

240-ppi printer resolution

| Megapixel camera | Photo Pixel Count Maximum Setting | Printer Resolution | Print Size |
|------------------|-----------------------------------|--------------------|-------------|
| 1 | 960 x 1280 | 240 PPI | 4 x 5.3 |
| 2 | 1200 x 1600 | 240 PPI | 5 x 6.7 |
| 3 | 1536 x 2048 | 240 PPI | 6.4 x 8.5 |
| 4 | 1704 x 2272 | 240 PPI | 7.1 x 9.5 |
| 5 | 1944 x 2592 | 240 PPI | 8.1 x 10.8 |
| 7 | 2304 x 3072 | 240 PPI | 9.6 x 12.8 |
| 8 | 2448 x 3264 | 240 PPI | 10.2 x 13.6 |

The following sample calculation used a photo taken with a 5-megapixel camera:

$$1944 \div 240 = 8.1$$

$$2592 \div 240 = 10.8$$

The maximum-quality print size for a 5-megapixel photo is 8.1 x 10.8 inches, or an 8 x 10-inch print.

If you choose to print your photos at a resolution of 300 ppi, use the following table to determine pixel-count, printer resolution, and maximum print size.

300-ppi printer resolution

| Megapixel camera | Photo Pixel Count Maximum Setting | Printer Resolution | Print Size |
|------------------|-----------------------------------|--------------------|------------|
| 1 | 960 x 1280 | 300 PPI | 3.2 x 4.3 |
| 2 | 1200 x 1600 | 300 PPI | 4.0 x 5.3 |
| 3 | 1536 x 2048 | 300 PPI | 5.1 x 6.8 |
| 4 | 1704 x 2272 | 300 PPI | 5.7 x 7.6 |
| 5 | 1944 x 2592 | 300 PPI | 6.5 x 8.6 |
| 7 | 2304 x 3072 | 300 PPI | 7.7 x 10.2 |
| 8 | 2448 x 3264 | 300 PPI | 8.2 x 10.9 |