

Solution

There are 756560 total parameters. That's a HUGE amount! Here's how we calculate it:

$$(8 * 8 * 3 + 1) * (14 * 14 * 20) = 756560$$

$8 * 8 * 3$ is the number of weights, we add 1 for the bias. Remember, each weight is assigned to every single part of the output ($14 * 14 * 20$). So we multiply these two numbers together and we get the final answer.