Encoder	Decoder	Bottleneck	✕ Removed	- - - Skip Connection

Input x

[3, 32, 32]

Noise ε

[3, 32, 32]

Skip Connection (Concatenate)

256×32×32 **Initial Conv** - - - → **Output Conv** 3×32×32

256×16×16 **Downsample 1** - - - → **Upsample 2** 256×32×32

512×8×8 **Downsample 2** - - - → **Upsample 1** 256×16×16

Bottleneck (8×8)

512×8×8
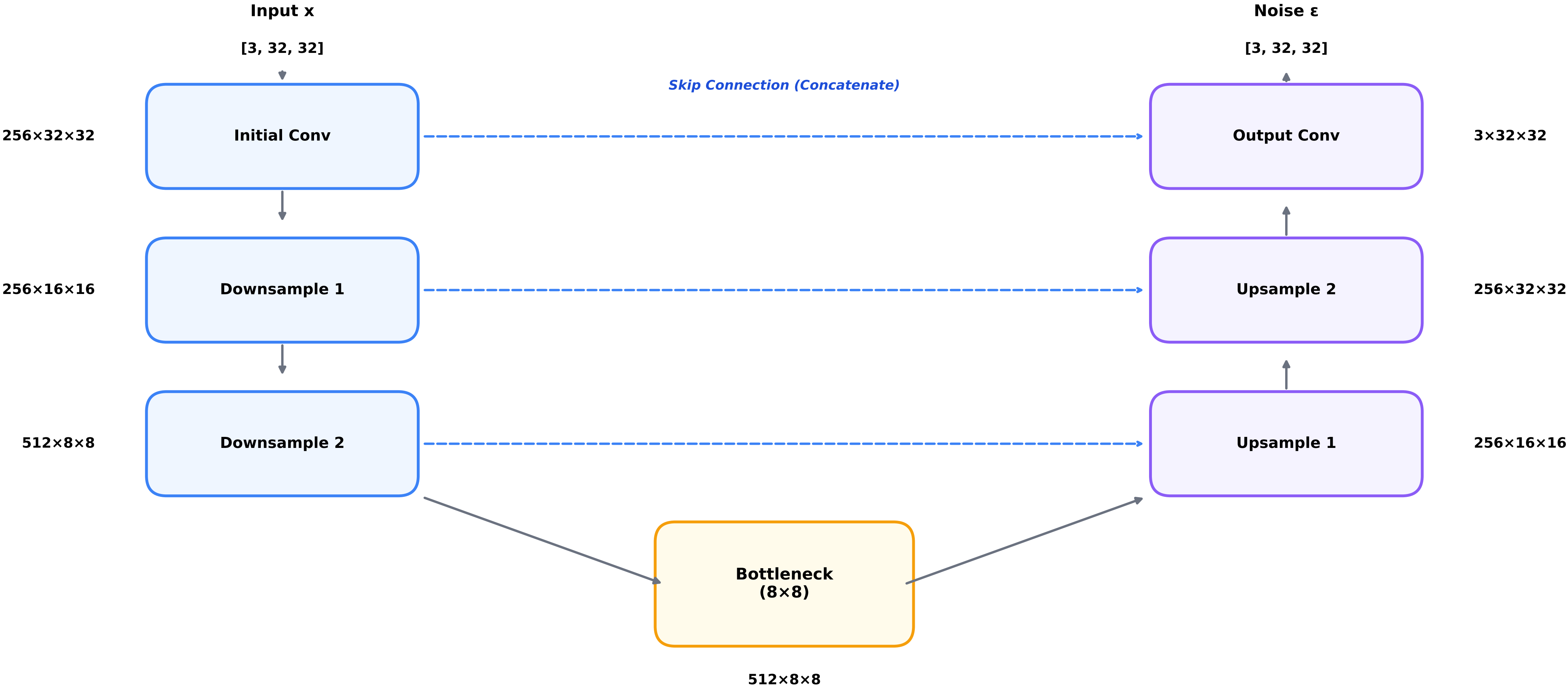
Removed from Diffusion U-Net Architecture

✕ **Self-Attention**   ✕ **1×1 Compress**   ✕ **Self-Attention**